

Converting Colors

XYZ(72.8377, 77.6627, 85.5647)

Have a look what the booklet for
XYZ(72.8377, 77.6627, 85.5647)
contains.

| | |
|--|----|
| XYZ(72.5936, 77.3837, 85.2392) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(72.5936, 77.3837,
85.2392)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DFE5E5 |
| RGB | 223, 229, 229 |
| RGB Percent | 87%, 90%, 90% |
| CMY | 0.1255, 0.1019, 0.1020 |
| CMYK | 0.03, 0.00, 0.00, 0.10 |
| HSL | 180°, 10%, 89% |
| HSV | 180°, 3%, 90% |
| XYZ | 72.5936, 77.3837, 85.2392 |
| YIQ | 227.2060, -3.5760, -1.2720 |

Conversions

Conversions Part 2

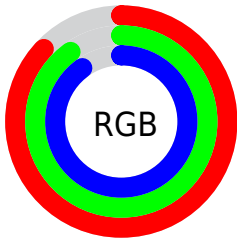
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 223, 226, 229 |
| Decimal | 14673381 |
| CIE Lab | 90.50, -2.00, -0.71 |
| CIE LCh | 90, 2.123, 199.549 |
| Yxy | 77.3837, 0.3086, 0.3290 |
| Android (android.graphics.Color) | 4292863461 (0xFFDFE5E5) |
| YUV | 227.2060, 0.8844, -3.6887 |
| Hunter-Lab | 87.9680, -6.6409, 4.1268 |

Details

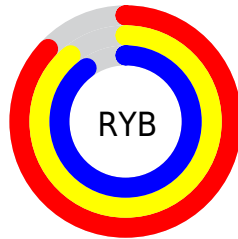
The XYZ color **72.5936, 77.3837, 85.2392** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0229, 74.7632, 80.4505**, and the grayscale version is **73.1610, 76.9711, 83.8215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9245, 41.6529, 46.0327** is the 20% darker color. If you saturate the color by 10%, you get **66.0084, 73.9913, 84.9225**, and if you desaturate by 10%, it is **80.1375, 81.2747, 85.6039**.

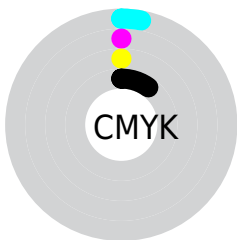
Distribution



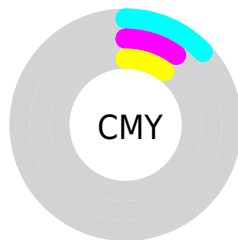
- Red (87%)
- Green (90%)
- Blue (90%)



- Red (87%)
- Yellow (89%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5936, 77.3837, 85.2392 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.5936, 77.3837, 85.2392 by changing the saturation by 10% instead.

■ 72.5936, 77.3837,
85.2392

■ 72.5936, 77.3837,
85.2392

458.7307,
486.0713, 532.5845

■ 53.9309, 57.5678,
63.4878

121.9063,
129.6810, 142.5845

■ 38.7769, 41.4613,
45.7924

153.2871,
162.9312, 179.0153

■ 26.7661, 28.6797,
31.7345

189.6380,
201.4283, 221.1765

■ 17.5333, 18.8387,
20.8957

231.3242,
245.5567, 269.4864

■ 10.7131, 11.5538,
12.8573

278.7113,
295.7008, 324.3636

■ 5.9401, 6.4406,
7.2008

332.1645,

■ 2.8490, 3.1148,

352.2450, 386.2266

3.5076

392.0492,
415.5737, 455.4941

■ 1.0744, 1.1920,
1.3593

■ 0.0036, 0.0551,
0.1097

■ 72.5936, 77.3837,
85.2392

■ 72.5936, 77.3837,
85.2392

■ 66.0084, 73.9913,
84.9225

■ 80.1375, 81.2747,
85.6039

■ 60.3372, 71.0679,
84.6470

■ 83.4077, 82.9603,
85.7671

■ 55.5417, 68.5959,
84.4125

■ 83.4096, 82.9611,
85.7773

■ 51.5782, 66.5529,
84.2169

■ 83.4116, 82.9618,
85.7874

■ 48.3994, 64.9144,
84.0581

■ 83.4135, 82.9626,
85.7976

■ 45.9531, 63.6535,
83.9335

■ 83.4154, 82.9634,
85.8078

■ 44.1810, 62.7402,
83.8405

■ 83.4174, 82.9642,
85.8180

■ 43.0156, 62.1396,
83.7758

■ 83.4193, 82.9649,
85.8282

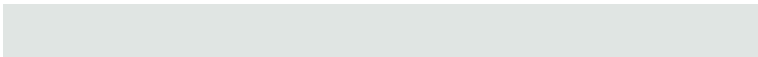
■ 42.3758, 61.8100,
83.7358

■ 83.4213, 82.9657,
85.8384

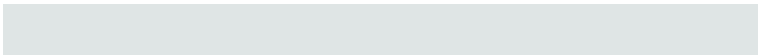
Harmonies

Analogous

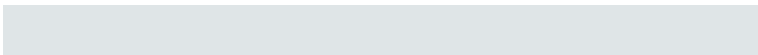
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.5521, 77.3837, 83.7287



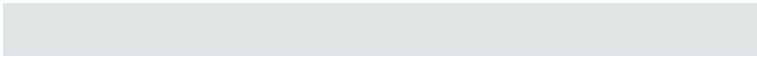
72.5936, 77.3837, 85.2392



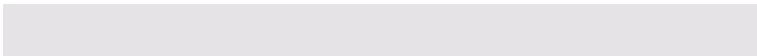
72.8909, 77.3837, 86.5008

Triad

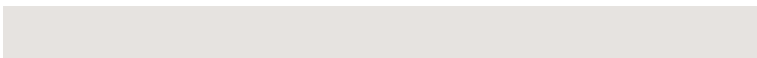
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5936, 77.3837, 85.2392



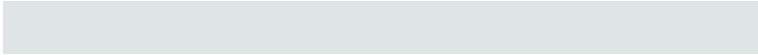
74.3300, 77.3837, 86.1678



73.7361, 77.3837, 81.4167

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.5936, 77.3837, 85.2392



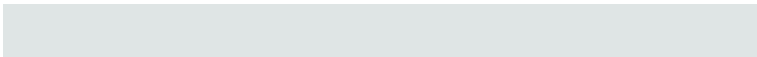
72.0229, 74.7632, 80.4505

Split Complementary

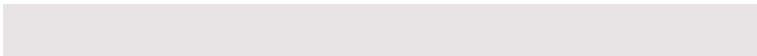
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2148, 77.3837, 82.0537



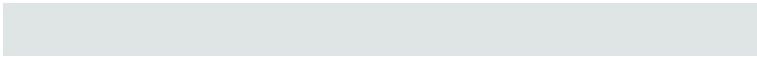
72.5936, 77.3837, 85.2392



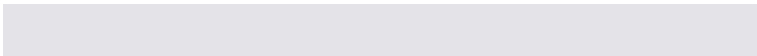
74.5588, 77.3837, 84.7889

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



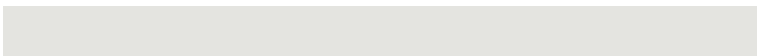
72.5936, 77.3837, 85.2392



73.8928, 77.3837, 87.0414



74.5165, 77.3837, 83.2838



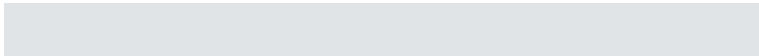
73.2100, 77.3837, 81.5340

Rectangle

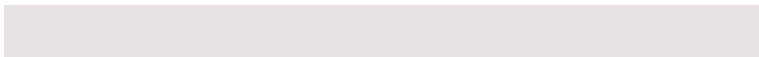
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5936, 77.3837, 85.2392



73.1950, 77.3837, 87.0253



74.5165, 77.3837, 83.2838



73.9080, 77.3837, 81.5494

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.5958, 77.3870, 85.2409



94.1178, 99.5195, 108.8551



71.8031, 77.0735, 80.9055



20.1549, 21.3063, 23.2999



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

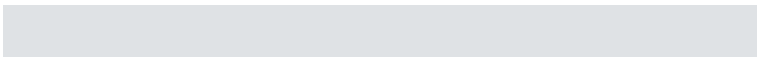
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5958, 77.3870, 85.2409



92.2906, 98.5776, 108.7670



71.8001, 75.7947, 84.9782



15.6326, 16.7618, 18.5549



24.0954, 35.2703, 47.8640



1.7807, 2.6064, 3.5376

Inverse Universe

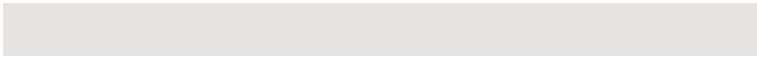
The Inverse Universe completely reimagines the original color for something new.



72.0229, 74.7632, 80.4505



91.4512, 94.7331, 101.7482



72.8044, 76.3269, 80.7086



15.4540, 15.9437, 17.0613



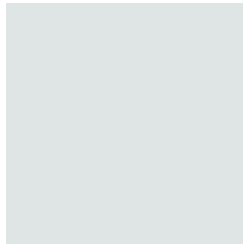
18.4756, 9.5245, 0.8677



1.3654, 0.7039, 0.0648

Previews

White Background



This preview shows how the XYZ color 72.5936, 77.3837, 85.2392 looks on a white background.

Color Contrast Check

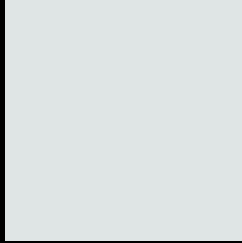
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.5936, 77.3837, 85.2392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

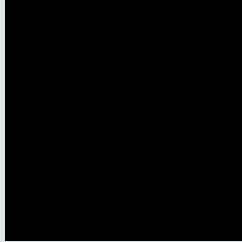
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

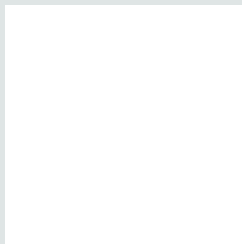
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5936, 77.3837, 85.2392

Background



This preview shows how black text looks on a background with the XYZ color 72.5936, 77.3837, 85.2392.



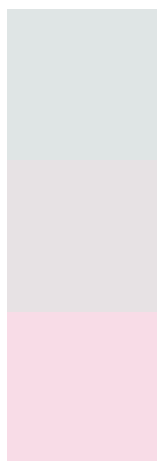
This preview shows how white text looks on a background with the XYZ color 72.5936, 77.3837,

85.2392.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.5936, 77.3837, 85.2392

Protanopia

74.1549, 76.9831, 84.3496

Deuteranopia

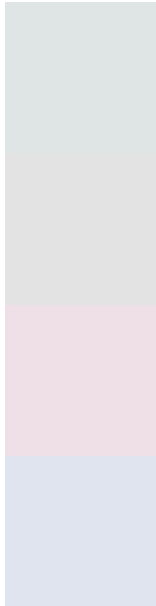
78.7284, 76.9124, 86.2974



Tritanopia

75.0019, 77.5383, 97.3996

Trichromacy



Original Color

72.5936, 77.3837, 85.2392

Protanomaly

73.4676, 77.0336, 84.3956

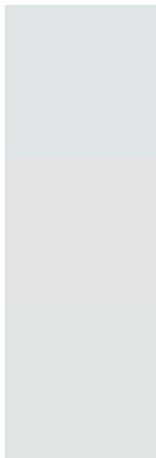
Deuteranomaly

76.2672, 76.8392, 85.6747

Tritanomaly

74.0639, 77.5661, 92.7295

Monochromacy



Original Color

72.5936, 77.3837, 85.2392

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1110, 77.2570, 84.4575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5936, 77.3837, 85.2392 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(223, 229, 229) looks like.

```
.text, #text, p{  
    color:rgb(223, 229, 229)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 229, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 229, 229) }
```

Border

The CSS property to change the border of an element to XYZ 72.5936, 77.3837, 85.2392 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 229, 229) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 229, 229) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(223, 229, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 229, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 229, 229);  
box-shadow:4px 4px 4px 4px rgb(223, 229,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5936, 77.3837, 85.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 229, 229) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
229, 229) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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