

Converting Colors

XYZ(72.6630, 76.7067, 85.3674)

Have a look what the booklet for
XYZ(72.6630, 76.7067, 85.3674)
contains.

XYZ(72.6633, 76.6029, 85.0848)	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(72.6633, 76.6029,
85.0848)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E3E5
RGB	225, 227, 229
RGB Percent	88%, 89%, 90%
CMY	0.1176, 0.1098, 0.1020
CMYK	0.02, 0.01, 0.00, 0.10
HSL	210°, 7%, 89%
HSV	210°, 2%, 90%
XYZ	72.6633, 76.6029, 85.0848
YIQ	226.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

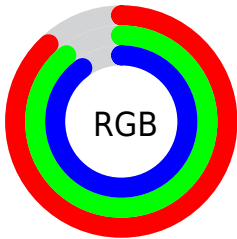
Format	Color
R _Y B	225, 226, 229
Decimal	14803941
CIE Lab	90.14, -0.30, -1.22
CIE LCh	90, 1.256, 255.953
Yxy	76.6029, 0.3101, 0.3269
Android (android.graphics.Color)	4292994021 (0xFFE1E3E5)
YUV	226.6300, 1.1684, -1.4295
Hunter-Lab	87.5231, -4.9714, 3.6279

Details

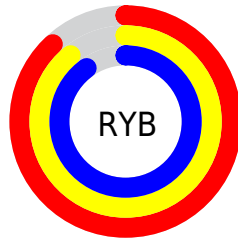
The XYZ color **72.6633, 76.6029, 85.0848** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3729, 77.0315, 82.2367**, and the grayscale version is **72.7396, 76.5277, 83.3387**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9701, 41.1071, 45.9249** is the 20% darker color. If you saturate the color by 10%, you get **62.9754, 67.1234, 83.7668**, and if you desaturate by 10%, it is **83.5205, 86.9975, 86.5201**.

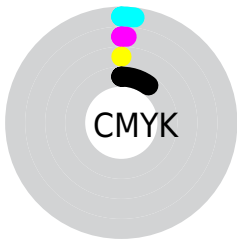
Distribution



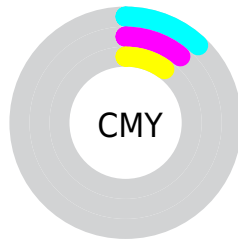
- Red (88%)
- Green (89%)
- Blue (90%)



- Red (88%)
- Yellow (89%)
- Blue (90%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6633, 76.6029, 85.0848 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 72.6633, 76.6029, 85.0848 by changing the saturation by 10% instead.

■ 72.6633, 76.6029,
85.0848

■ 72.6633, 76.6029,
85.0848

458.9689,
483.4090, 532.0605

■ 53.9881, 56.9270,
63.3609

122.0048,
128.5788, 142.3669

■ 38.8228, 40.9466,
45.6904

153.4018,
161.6476, 178.7621

■ 26.8020, 28.2774,
31.6546

189.7702,
199.9495, 220.8849

■ 17.5604, 18.5349,
20.8352

231.4751,
243.8688, 269.1537

■ 10.7326, 11.3347,
12.8135

278.8822,
293.7901, 323.9872

■ 5.9533, 6.2924,
7.1711

332.3566,

■ 2.8571, 3.0237,

350.0976, 385.8037

3.4892

392.2637,
413.1758, 455.0220

■ 1.0786, 1.1441,
1.3496

■ 0.0071, 0.0153,
0.1019

■ 72.6633, 76.6029,
85.0848

■ 72.6633, 76.6029,
85.0848

■ 62.9754, 67.1234,
83.7668

■ 83.5205, 86.9975,
86.5201

■ 54.4084, 58.5217,
82.5581

■ 89.5257, 95.2024,
87.7873

■ 46.9201, 50.7720,
81.4569

■ 91.1431, 98.4372,
88.3264

■ 40.4629, 43.8436,
80.4599

■ 34.9854, 37.7034,
79.5634

■ 30.4314, 32.3156,
78.7635

■ 26.7384, 27.6411,
78.0559

■ 23.8350, 23.6358,
77.4358

■ 21.6365, 20.2484,
76.8978

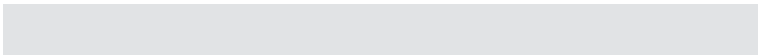
Harmonies

Analogous

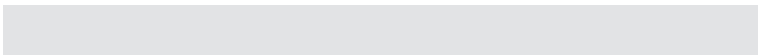
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3926, 76.6029, 84.6481



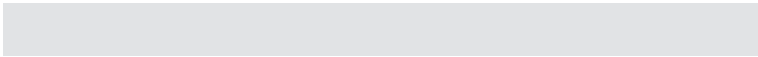
72.6633, 76.6029, 85.0848



72.9737, 76.6029, 85.0698

Triad

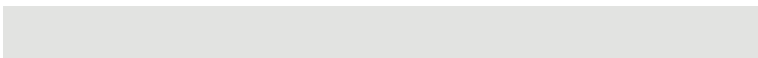
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6633, 76.6029, 85.0848



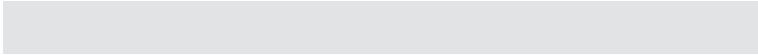
73.3869, 76.6029, 82.9364



72.3786, 76.6029, 82.2191

Complementary

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



72.6633, 76.6029, 85.0848



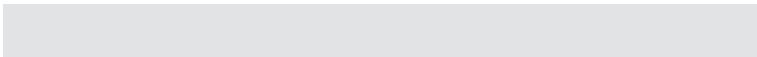
73.3729, 77.0315, 82.2367

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.



72.6441, 76.6029, 81.7671



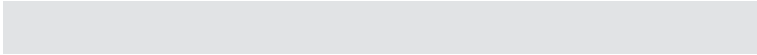
72.6633, 76.6029, 85.0848



73.2265, 76.6029, 82.1791

Square

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



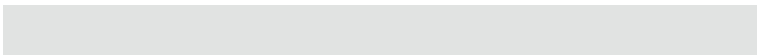
72.6633, 76.6029, 85.0848



73.3921, 76.6029, 83.8251



72.9544, 76.6029, 81.7525



72.2285, 76.6029, 82.9914

Rectangle

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



72.6633, 76.6029, 85.0848



73.1614, 76.6029, 84.8056



72.9544, 76.6029, 81.7525



72.4572, 76.6029, 82.0249

Sweetspot

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



72.6655, 76.6062, 85.0865



93.7134, 98.7103, 108.7215



72.9277, 77.5898, 83.7586



20.0726, 21.1417, 23.2728



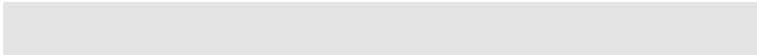
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

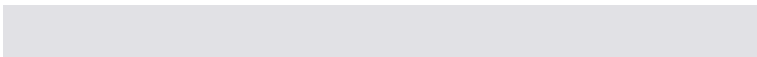
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6655, 76.6062, 85.0865



92.3920, 97.4324, 108.5445



72.1386, 75.5524, 84.9108



15.7931, 16.6524, 18.5262



11.6938, 10.4496, 43.7838



0.9570, 0.9580, 3.2664

Inverse Universe

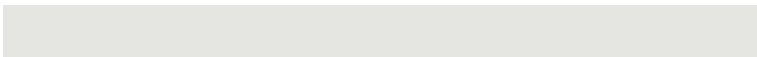
The Inverse Universe completely reimagines the original color for something new.



73.1051, 76.0559, 83.5042



93.0374, 96.6262, 106.2210



73.9057, 78.0972, 82.4143



15.8967, 16.5228, 18.1533



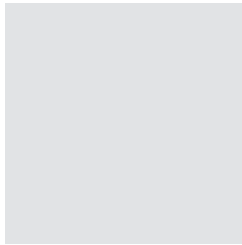
20.2960, 10.2526, 10.4535



1.5467, 0.7764, 1.0194

Previews

White Background



This preview shows how the XYZ color 72.6633, 76.6029, 85.0848 looks on a white background.

Color Contrast Check

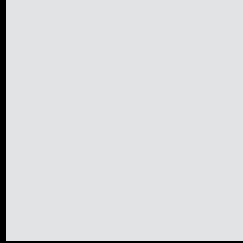
Large Text (above 18pt) WCAG AA × Fail

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 72.6633, 76.6029, 85.0848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

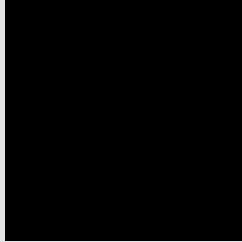
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

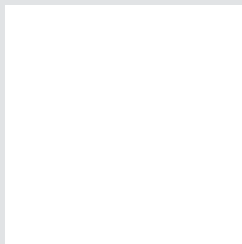
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6633, 76.6029, 85.0848

Background



This preview shows how black text looks on a background with the XYZ color 72.6633, 76.6029, 85.0848.

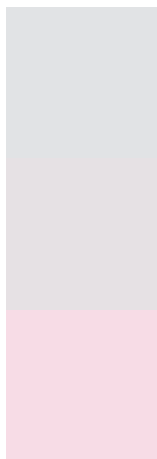


This preview shows how white text looks on a background with the XYZ color 72.6633, 76.6029,

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

72.6633, 76.6029, 85.0848

Protanopia

73.5619, 76.2749, 84.2442

Deuteranopia

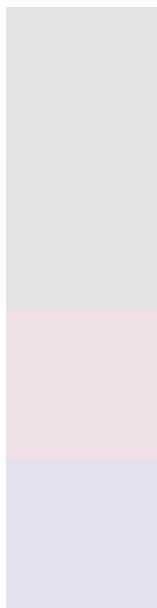
78.2339, 76.6737, 85.5390



Tritanopia

74.7814, 76.6524, 95.6480

Trichromacy



Original Color

72.6633, 76.6029, 85.0848

Protanomaly

73.1949, 76.4881, 84.3047

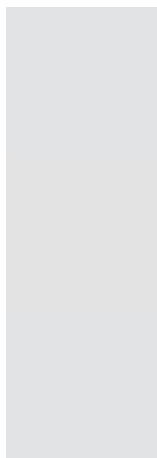
Deuteranomaly

76.2672, 76.8392, 85.6747

Tritanomaly

73.9930, 76.7345, 91.8003

Monochromacy



Original Color

72.6633, 76.6029, 85.0848

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.8367, 76.7084, 84.3661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6633, 76.6029, 85.0848 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(225, 227, 229) looks like.

```
.text, #text, p{  
    color:rgb(225, 227, 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(225, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 229) }
```

Border

The CSS property to change the border of an element to XYZ 72.6633, 76.6029, 85.0848 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(225, 227, 229) }
```


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

```
.border{ border-color:rgb(225, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(225, 227,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6633, 76.6029, 85.0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 227, 229) }
```

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

```
.background{ background-color: rgb(225,  
227, 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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