

Converting Colors

XYZ(72.6183, 76.0985, 85.0328)

Have a look what the booklet for
XYZ(72.6183, 76.0985, 85.0328)
contains.

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Color

**XYZ(72.7032, 76.2186,
85.0085)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2E5
RGB	226, 226, 229
RGB Percent	89%, 89%, 90%
CMY	0.1137, 0.1137, 0.1020
CMYK	0.01, 0.01, 0.00, 0.10
HSL	240°, 5%, 89%
HSV	240°, 1%, 90%
XYZ	72.7032, 76.2186, 85.0085
YIQ	226.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

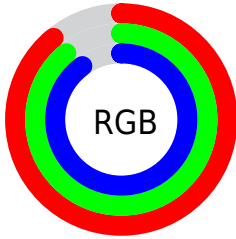
Format	Color
R_{YB}	226, 226, 229
Decimal	14869221
CIE Lab	89.96, 0.55, -1.47
CIE LCh	90, 1.568, 290.347
Yxy	76.2186, 0.3108, 0.3258
Android (android.graphics.Color)	4293059301 (0xFFE2E2E5)
YUV	226.3420, 1.3104, -0.2999
Hunter-Lab	87.3033, -4.1320, 3.3807

Details

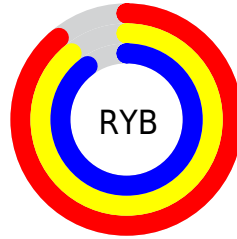
The XYZ color **72.7032, 76.2186, 85.0085** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0599, 78.1866, 83.1407**, and the grayscale version is **72.5294, 76.3065, 83.0978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9975, 40.8397, 45.8719** is the 20% darker color. If you saturate the color by 10%, you get **60.1873, 61.1441, 82.7596**, and if you desaturate by 10%, it is **87.0119, 93.4530, 87.5821**.

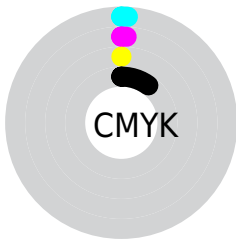
Distribution



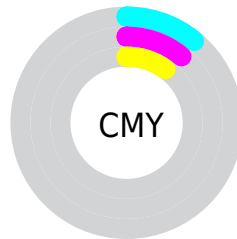
- Red (89%)
- Green (89%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7032, 76.2186, 85.0085 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 72.7032, 76.2186, 85.0085 by changing the saturation by 10% instead.

■ 72.7032, 76.2186,
85.0085

■ 72.7032, 76.2186,
85.0085

459.1052,
482.0957, 531.8015

■ 54.0208, 56.6118,
63.2982

122.0612,
128.0359, 142.2593

■ 38.8490, 40.6936,
45.6400

153.4675,
161.0151, 178.6369

■ 26.8225, 28.0798,
31.6152

189.8458,
199.2206, 220.7407

■ 17.5759, 18.3858,
20.8054

231.5615,
243.0367, 268.9893

■ 10.7438, 11.2273,
12.7919

278.9800,
292.8479, 323.8011

■ 5.9608, 6.2200,
7.1564

332.4665,

■ 2.8617, 2.9793,

349.0385, 385.5947

3.4802

392.3865,
411.9930, 454.7887

■ 1.0811, 1.1209,
1.3447

■ 0.0092, 0.0000,
0.0980

■ 72.7032, 76.2186,
85.0085

■ 72.7032, 76.2186,
85.0085

■ 60.1873, 61.1441,
82.7596

■ 87.0119, 93.4530,
87.5821

■ 49.3874, 48.1349,
80.8178

■ 91.1431, 98.4372,
88.3264

■ 40.2307, 37.1041,
79.1713

■ 32.6368, 27.9549,
77.8055

■ 26.5183, 20.5823,
76.7050

■ 21.7794, 14.8709,
75.8523

■ 18.3132, 10.6920,
75.2284

■ 15.9966, 7.8979,
74.8112

■ 14.6829, 6.3116,
74.5742

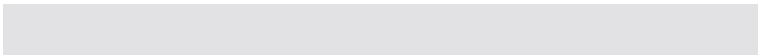
Harmonies

Analogous

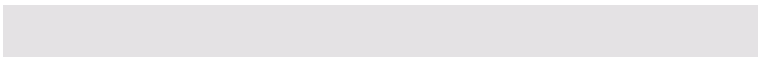
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3185, 76.2186, 85.1133



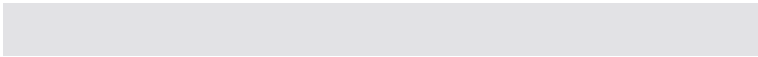
72.7032, 76.2186, 85.0085



73.0194, 76.2186, 84.3600

Triad

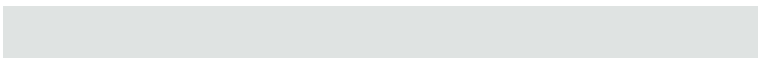
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7032, 76.2186, 85.0085



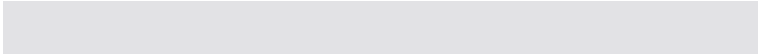
72.9206, 76.2186, 81.3550



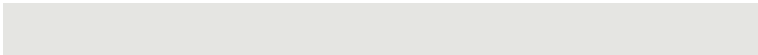
71.7105, 76.2186, 82.6314

Complementary

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



72.7032, 76.2186, 85.0085



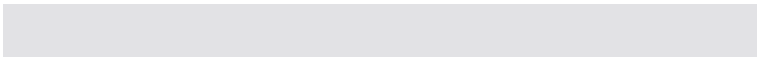
74.0599, 78.1866, 83.1407

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.



71.8706, 76.2186, 81.6331



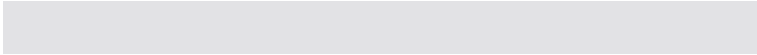
72.7032, 76.2186, 85.0085



72.5687, 76.2186, 80.9006

Square

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



72.7032, 76.2186, 85.0085



73.1452, 76.2186, 82.2484



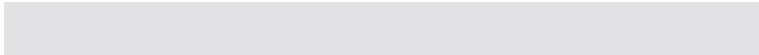
72.1844, 76.2186, 81.0019



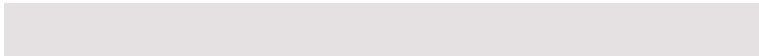
71.7463, 76.2186, 83.7342

Rectangle

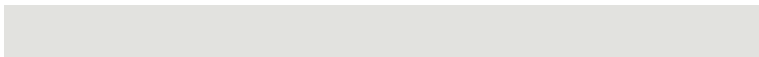
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7032, 76.2186, 85.0085



73.1483, 76.2186, 83.7097



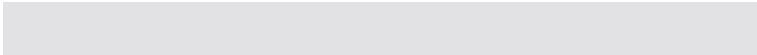
72.1844, 76.2186, 81.0019



71.7432, 76.2186, 82.2726

Sweetspot

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



72.7054, 76.2219, 85.0102

95.0500, 100.0000, 108.9000



73.5203, 77.8629, 85.2474



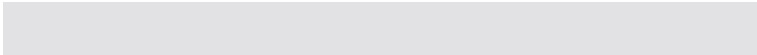
20.3446, 21.4041, 23.3091



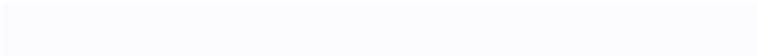
0.0000, 0.0000, 0.0000

Same Dimension

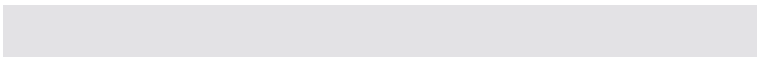
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7054, 76.2219, 85.0102



91.5952, 95.8388, 108.2789



73.1610, 76.4551, 85.0312



15.6651, 16.3964, 18.4835



8.0888, 3.2397, 42.5822



0.5983, 0.2405, 3.1469

Inverse Universe

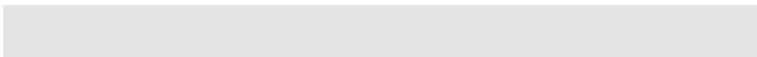
The Inverse Universe completely reimagines the original color for something new.



73.2385, 76.5430, 82.8696



92.6352, 96.4654, 104.1032



73.6002, 77.9512, 83.1195



15.8321, 16.4970, 17.8131



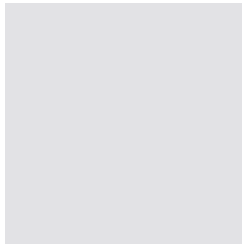
18.4764, 9.5248, 0.8715



1.3656, 0.7040, 0.0659

Previews

White Background



This preview shows how the XYZ color 72.7032, 76.2186, 85.0085 looks on a white background.

Color Contrast Check

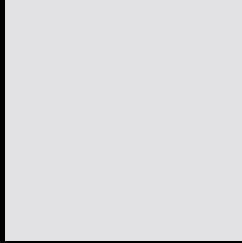
Large Text (above 18pt) WCAG AA × Fail

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 72.7032, 76.2186, 85.0085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

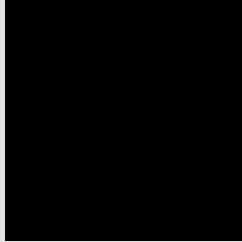
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

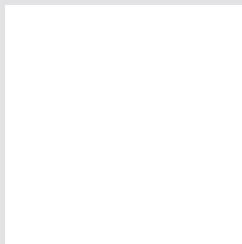
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7032, 76.2186, 85.0085

Background



This preview shows how black text looks on a background with the XYZ color 72.7032, 76.2186, 85.0085.

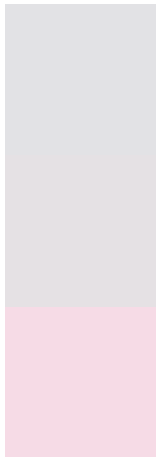


This preview shows how white text looks on a background with the XYZ color 72.7032, 76.2186,

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

72.7032, 76.2186, 85.0085

Protanopia

73.2419, 76.1099, 84.2292

Deuteranopia

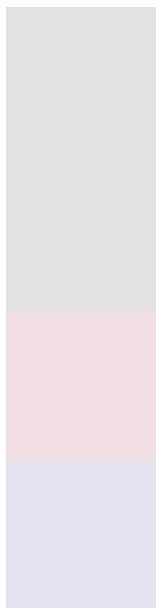
77.6205, 75.9690, 85.4354



Tritanopia

74.6776, 76.2161, 94.7796

Trichromacy



Original Color

72.7032, 76.2186, 85.0085

Protanomaly

72.9237, 75.9458, 84.2143

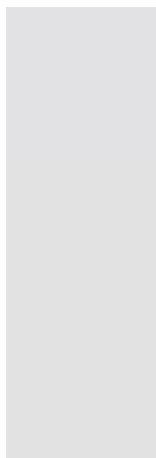
Deuteranomaly

76.0008, 76.3064, 85.5859

Tritanomaly

73.8898, 76.2957, 90.9529

Monochromacy



Original Color

72.7032, 76.2186, 85.0085

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4255, 76.1075, 83.5460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7032, 76.2186, 85.0085 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(226, 226, 229) looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 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(226, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 229) }
```

Border

The CSS property to change the border of an element to XYZ 72.7032, 76.2186, 85.0085 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(226, 226, 229) }
```

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

```
.border{ border-color:rgb(226, 226, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 226, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 226, 229); box-shadow:4px 4px 4px 4px rgb(226, 226, 229) }
```


Background

The CSS property to change the background color of an element to XYZ 72.7032, 76.2186, 85.0085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 229) }
```

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

```
.background{ background-color: rgb(226,  
226, 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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