

Converting Colors

XYZ(72.2284, 76.1523, 83.0941)

Have a look what the booklet for
XYZ(72.2284, 76.1523, 83.0941)
contains.

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Color

**XYZ(71.9752, 75.8913,
82.8065)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E2E2
RGB	225, 226, 226
RGB Percent	88%, 89%, 89%
CMY	0.1176, 0.1137, 0.1137
CMYK	0.00, 0.00, 0.00, 0.11
HSL	180°, 2%, 88%
HSV	180°, 0%, 89%
XYZ	71.9752, 75.8913, 82.8065
YIQ	225.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

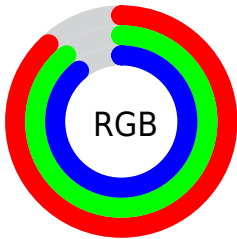
Format	Color
R_{YB}	225, 226, 226
Decimal	14803682
CIE Lab	89.81, -0.33, -0.13
CIE LCh	90, 0.355, 201.078
Yxy	75.8913, 0.3120, 0.3290
Android (android.graphics.Color)	4292993762 (0xFFE1E2E2)
YUV	225.7010, 0.1474, -0.6148
Hunter-Lab	87.1156, -4.9750, 4.6237

Details

The XYZ color **71.9752, 75.8913, 82.8065** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8827, 75.4574, 82.0142**, and the grayscale version is **72.0740, 75.8274, 82.5761**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4912, 40.6121, 44.3383** is the 20% darker color. If you saturate the color by 10%, you get **65.3794, 72.4946, 82.4371**, and if you desaturate by 10%, it is **79.5079, 79.7753, 83.2228**.

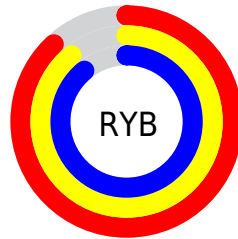
Distribution



Red (88%)

Green (89%)

Blue (89%)



Red (88%)

Yellow (89%)

Blue (89%)

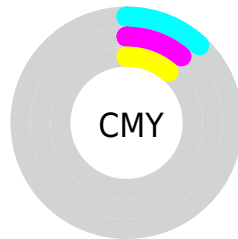


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9752, 75.8913, 82.8065 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 71.9752, 75.8913, 82.8065 by changing the saturation by 10% instead.

■ 71.9752, 75.8913,
82.8065

■ 71.9752, 75.8913,
82.8065

456.6142,
480.9755, 524.2955

■ 53.4238, 56.3434,
61.4909

121.0323,
127.5732, 139.1512

■ 38.3700, 40.4783,
44.1883

152.2686,
160.4761, 175.0174

■ 26.4485, 27.9117,
30.4803

188.4641,
198.5993, 216.5708

■ 17.2939, 18.2591,
19.9483

229.9839,
242.3273, 264.2300

■ 10.5409, 11.1362,
12.1738

277.1935,
292.0446, 318.4135

■ 5.8240, 6.1585,
6.7381

330.4581,

■ 2.7780, 2.9417,

348.1354, 379.5399

3.2229

390.1433,
410.9843, 448.0277

■ 1.0375, 1.1014,
1.2096

■ 0.0000, 0.0000,
0.0000

■ 71.9752, 75.8913,
82.8065

■ 71.9752, 75.8913,
82.8065

■ 65.3794, 72.4946,
82.4371

■ 79.5079, 79.7753,
83.2228

■ 59.6777, 69.5566,
82.1081


■ 82.1894, 81.1563,
83.4106


■ 54.8334, 67.0607,
81.8192


■ 82.2013, 81.1611,
83.4735


■ 50.8052, 64.9854,
81.5686


■ 82.2133, 81.1659,
83.5364


 47.5479, 63.3076,
81.3540

 82.2252, 81.1706,
83.5994


 45.0122, 62.0018,
81.1733


 82.2372, 81.1754,
83.6624


 43.1431, 61.0396,
81.0238

 82.2492, 81.1802,
83.7254

 41.8775, 60.3885,
80.9025

 82.2611, 81.1850,
83.7884

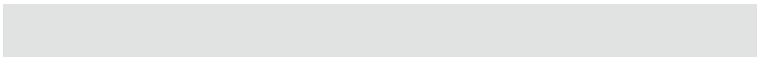
 41.1405, 60.0099,
80.8061

 82.2731, 81.1898,
83.8515

Harmonies

Analogous

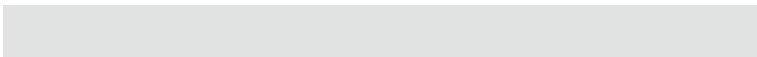
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9660, 75.8913, 82.5579



71.9752, 75.8913, 82.8065



72.0265, 75.8913, 83.0090

Triad

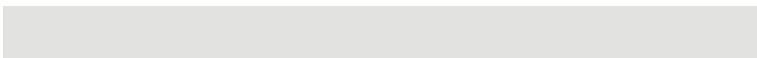
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9752, 75.8913, 82.8065



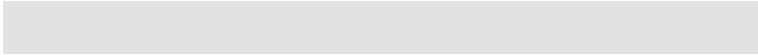
72.2637, 75.8913, 82.9365



72.1586, 75.8913, 82.1566

Complementary

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



71.9752, 75.8913, 82.8065



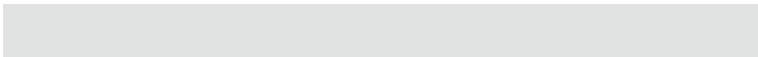
71.8827, 75.4574, 82.0142

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.



72.2384, 75.8913, 82.2576



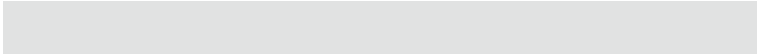
71.9752, 75.8913, 82.8065



72.2991, 75.8913, 82.7076

Square

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



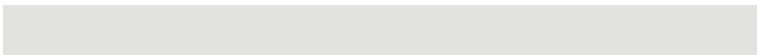
71.9752, 75.8913, 82.8065



72.1931, 75.8913, 83.0841



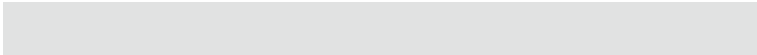
72.2898, 75.8913, 82.4592



72.0718, 75.8913, 82.1830

Rectangle

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



71.9752, 75.8913, 82.8065



72.0777, 75.8913, 83.0903



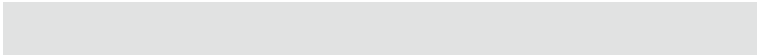
72.2898, 75.8913, 82.4592



72.1871, 75.8913, 82.1768

Sweetspot

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



71.9774, 75.8946, 82.8082

95.0500, 100.0000, 108.9000



71.8457, 75.8425, 82.0877



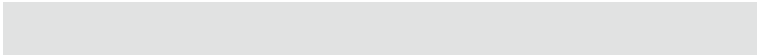
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



71.9774, 75.8946, 82.8082



94.1165, 99.5189, 108.8481



71.8461, 75.6312, 82.7670



15.3172, 16.1913, 17.7044



23.2803, 34.1370, 46.0605



1.6144, 2.3665, 3.1966

Inverse Universe

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



71.8827, 75.4574, 82.0142



93.8356, 98.2213, 106.4909



72.0136, 75.7200, 82.0552



15.2743, 15.9933, 17.3447



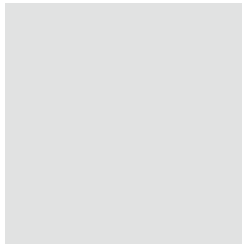
17.8969, 9.2258, 0.8569



1.2413, 0.6398, 0.0634

Previews

White Background



This preview shows how the XYZ color 71.9752, 75.8913, 82.8065 looks on a white background.

Color Contrast Check

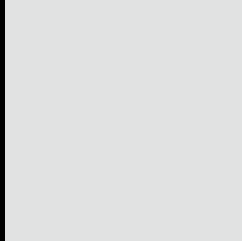
Large Text (above 18pt) WCAG AA × Fail

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 71.9752, 75.8913, 82.8065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

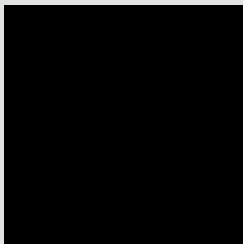
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

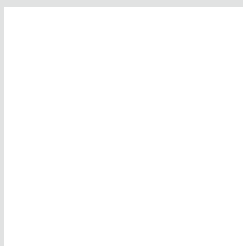
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9752, 75.8913, 82.8065

Background



This preview shows how black text looks on a background with the XYZ color 71.9752, 75.8913, 82.8065.

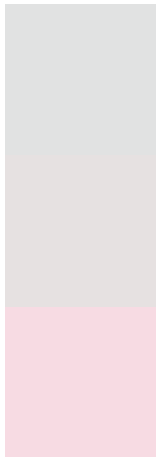


This preview shows how white text looks on a background with the XYZ color 71.9752, 75.8913,

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

71.9752, 75.8913, 82.8065

Protanopia

73.1489, 76.1097, 82.0694

Deuteranopia

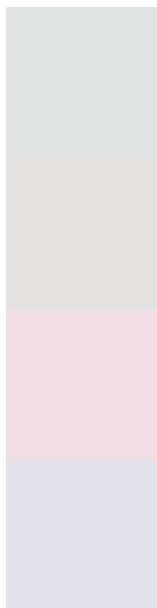
77.5544, 75.9832, 83.2517



Tritanopia

74.2114, 75.9931, 93.9759

Trichromacy



Original Color

71.9752, 75.8913, 82.8065

Protanomaly

72.5107, 75.7807, 82.0396

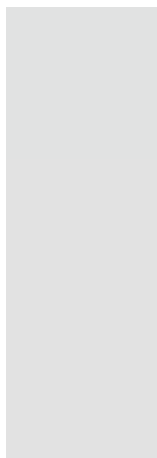
Deuteranomaly

75.5830, 76.1393, 83.3858

Tritanomaly

73.4296, 76.0753, 90.1707

Monochromacy



Original Color

71.9752, 75.8913, 82.8065

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.2879, 76.0525, 82.8211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9752, 75.8913, 82.8065 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, 226, 226) looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 226)  
}
```

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, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 71.9752, 75.8913, 82.8065 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, 226, 226) }
```

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

```
.border{ border-color:rgb(225, 226, 226) }
```

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

Here you see how a box with a 4 pixel rgb(225, 226, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
226) }
```


Background

The CSS property to change the background color of an element to XYZ 71.9752, 75.8913, 82.8065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 226) }
```

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

```
.background{ background-color: rgb(225,  
226, 226) }
```

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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