

Converting Colors

XYZ(71.8629, 75.6154, 80.9027)

Have a look what the booklet for
XYZ(71.8629, 75.6154, 80.9027)
contains.

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Color

**XYZ(71.6085, 75.3469,
80.5813)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E1DF
RGB	226, 225, 223
RGB Percent	89%, 88%, 87%
CMY	0.1137, 0.1176, 0.1255
CMYK	0.00, 0.00, 0.01, 0.11
HSL	40°, 5%, 88%
HSV	40°, 1%, 89%
XYZ	71.6085, 75.3469, 80.5813
YIQ	225.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

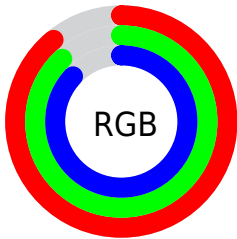
Format	Color
RYB	225, 226, 223
Decimal	14868959
CIELab	89.56, -0.01, 1.09
CIElCh	90, 1.085, 90.723
Yxy	75.3469, 0.3147, 0.3311
Android (android.graphics.Color)	4293059039 (0xFFE2E1DF)
YUV	225.0710, -1.0210, 0.8147
Hunter-Lab	86.8026, -4.6495, 5.7212

Details

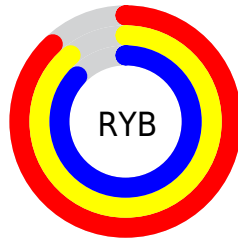
The XYZ color **71.6085, 75.3469, 80.5813** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8145, 74.4892, 82.5979**, and the grayscale version is **71.6274, 75.3576, 82.0644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2372, 40.2345, 42.7965** is the 20% darker color. If you saturate the color by 10%, you get **66.7794, 70.2433, 64.9286**, and if you desaturate by 10%, it is **76.9377, 80.7980, 98.4092**.

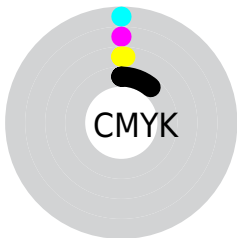
Distribution



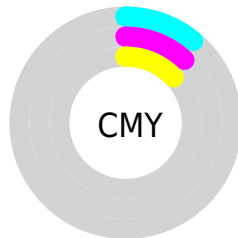
- Red (89%)
- Green (88%)
- Blue (87%)



- Red (88%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6085, 75.3469, 80.5813 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 71.6085, 75.3469, 80.5813 by changing the saturation by 10% instead.

■ 71.6085, 75.3469,
80.5813

■ 71.6085, 75.3469,
80.5813

455.3566,
479.1091, 516.6480

■ 53.1232, 55.8971,
59.6678

120.5136,
126.8033, 136.0015

■ 38.1290, 40.1205,
42.7274

151.6641,
159.5787, 171.3453

■ 26.2605, 27.6325,
29.3415

187.7671,
197.5648, 212.3363

■ 17.1523, 18.0488,
19.0915

229.1879,
241.1459, 259.3930

■ 10.4391, 10.9850,
11.5589

276.2919,
290.7065, 312.9340

■ 5.7556, 6.0568,
6.3252

329.4445,

■ 2.7363, 2.8796,

346.6310, 373.3778

2.9719

389.0109,
409.3037, 441.1430

■ 1.0159, 1.0692,
1.0803

■ 0.0000, 0.0000,
0.0000

■ 71.6085, 75.3469,
80.5813

■ 71.6085, 75.3469,
80.5813

■ 66.7794, 70.2433,
64.9286

■ 76.9377, 80.7980,
98.4092

■ 62.4271, 65.4687,
51.3615

■ 80.5776, 85.7154,
106.9056

■ 58.5353, 61.0173,
39.7914

■ 82.8323, 90.2248,
107.6571

■ 55.0846, 56.8795,
30.1217

■ 85.1744, 94.9090,
108.4378

■ 52.0540, 53.0448,
22.2473

■ 49.4204, 49.5022,
16.0531

■ 47.1583, 46.2393,
11.4104

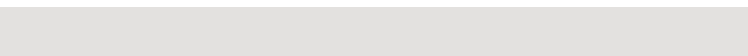
■ 45.2384, 43.2424,
8.1717

■ 43.6259, 40.4956,
6.1604

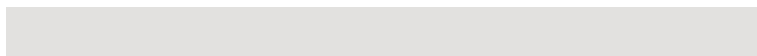
Harmonies

Analogous

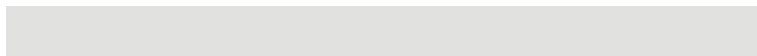
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8658, 75.3469, 80.7665



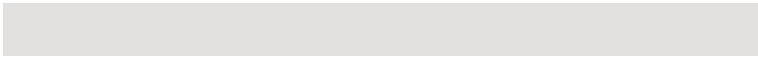
71.6085, 75.3469, 80.5813



71.3535, 75.3469, 80.7849

Triad

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



71.6085, 75.3469, 80.5813



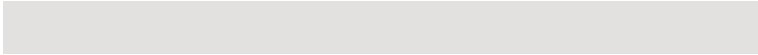
71.1754, 75.3469, 82.7920



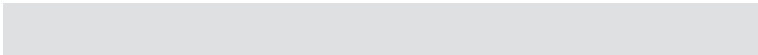
72.0629, 75.3469, 82.7597

Complementary

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



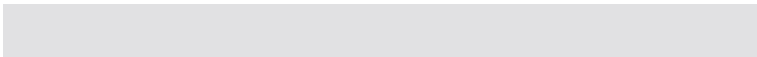
71.6085, 75.3469, 80.5813



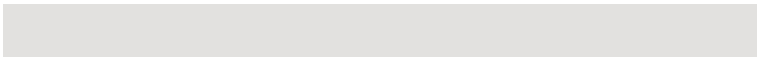
70.8145, 74.4892, 82.5979

Split Complementary

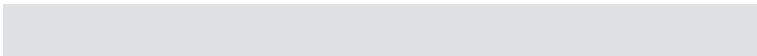
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8771, 75.3469, 83.3080



71.6085, 75.3469, 80.5813



71.3647, 75.3469, 83.3267

Square

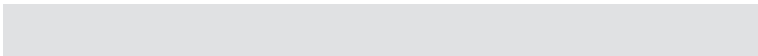
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



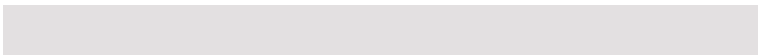
71.6085, 75.3469, 80.5813



71.1038, 75.3469, 82.0585



71.6214, 75.3469, 83.5161



72.1286, 75.3469, 82.0214

Rectangle

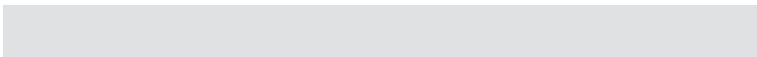
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6085, 75.3469, 80.5813



71.2190, 75.3469, 81.1144



71.6214, 75.3469, 83.5161



72.0124, 75.3469, 82.9725

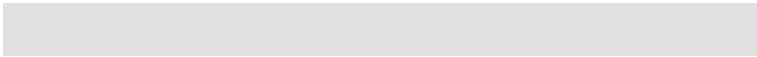
Sweetspot

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



71.6106, 75.3501, 80.5829

95.0500, 100.0000, 108.9000



71.2073, 74.3271, 81.1156



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.



71.6106, 75.3501, 80.5829



93.7019, 98.6004, 104.4534



71.7241, 75.8095, 80.6656



15.2539, 16.0512, 17.0335



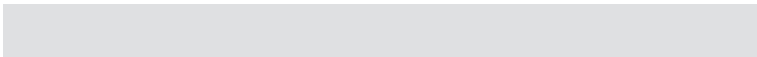
24.3176, 22.0730, 2.9788



1.7667, 1.6922, 0.2335

Inverse Universe

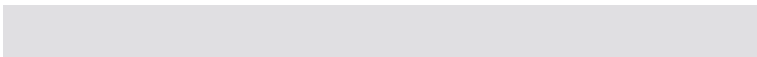
The Inverse Universe completely reimagines the original color for something new.



70.8145, 74.4892, 82.5979



92.1213, 96.8910, 108.4543



70.7020, 74.0350, 82.5162



15.0126, 15.7902, 17.6443



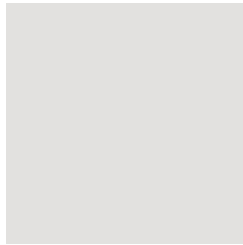
9.3653, 6.2002, 41.7515



0.7294, 0.5902, 2.9207

Previews

White Background



This preview shows how the XYZ color 71.6085, 75.3469, 80.5813 looks on a white background.

Color Contrast Check

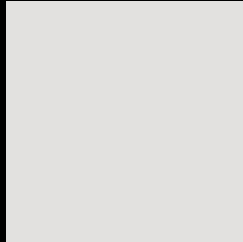
Large Text (above 18pt) WCAG AA × Fail

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 71.6085, 75.3469, 80.5813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

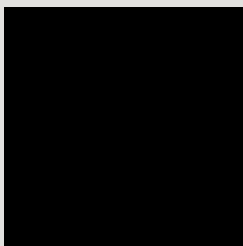
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

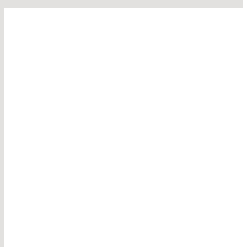
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6085, 75.3469, 80.5813

Background



This preview shows how black text looks on a background with the XYZ color 71.6085, 75.3469, 80.5813.

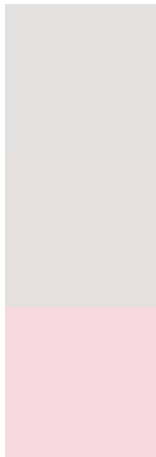


This preview shows how white text looks on a background with the XYZ color 71.6085, 75.3469,

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

71.6085, 75.3469, 80.5813

Protanopia

72.1536, 75.2432, 79.8277

Deuteranopia

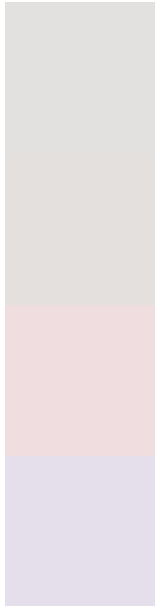
76.8837, 75.2988, 81.0029



Tritanopia

74.1626, 75.1918, 93.0428

Trichromacy



Original Color

71.6085, 75.3469, 80.5813

Protanomaly

71.8354, 75.0792, 79.8128

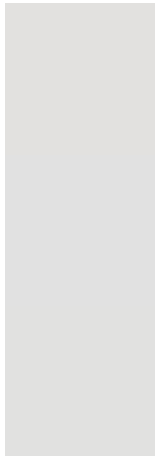
Deuteranomaly

74.9076, 75.4454, 81.1354

Tritanomaly

73.2339, 75.2098, 88.4990

Monochromacy



Original Color

71.6085, 75.3469, 80.5813

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.4311, 75.2398, 81.2789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6085, 75.3469, 80.5813 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, 225, 223) looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 223)  
}
```

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, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 223) }
```

Border

The CSS property to change the border of an element to XYZ 71.6085, 75.3469, 80.5813 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, 225, 223) }
```

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

```
.border{ border-color:rgb(226, 225, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 225, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 225,  
223) }
```


Background

The CSS property to change the background color of an element to XYZ 71.6085, 75.3469, 80.5813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 223) }
```

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

```
.background{ background-color: rgb(226,  
225, 223) }
```

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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