

Converting Colors

XYZ(71.1960, 75.5096, 77.8155)

Have a look what the booklet for
XYZ(71.1960, 75.5096, 77.8155)
contains.

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Color

**XYZ(71.3466, 75.6759,
77.8644)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2DB
RGB	226, 226, 219
RGB Percent	89%, 89%, 86%
CMY	0.1137, 0.1137, 0.1412
CMYK	0.00, 0.00, 0.03, 0.11
HSL	60°, 11%, 87%
HSV	60°, 3%, 89%
XYZ	71.3466, 75.6759, 77.8644
YIQ	225.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

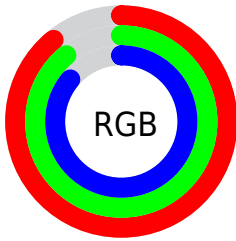
Format	Color
R_{YB}	219, 226, 219
Decimal	14869211
CIE Lab	89.71, -1.23, 3.41
CIE LCh	90, 3.621, 109.860
Yxy	75.6759, 0.3173, 0.3365
Android (android.graphics.Color)	4293059291 (0xFFE2E2DB)
YUV	225.2020, -3.0576, 0.6998
Hunter-Lab	86.9919, -5.8386, 7.8252

Details

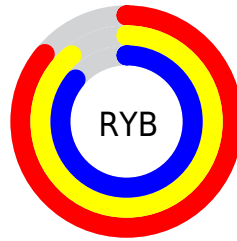
The XYZ color **71.3466, 75.6759, 77.8644** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2752, 71.2161, 82.1029**, and the grayscale version is **71.7353, 75.4711, 82.1880**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0583, 40.4641, 40.9264** is the 20% darker color. If you saturate the color by 10%, you get **68.5680, 74.5664, 63.2431**, and if you desaturate by 10%, it is **74.5335, 76.9535, 94.6167**.

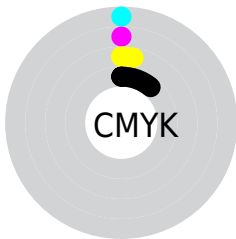
Distribution



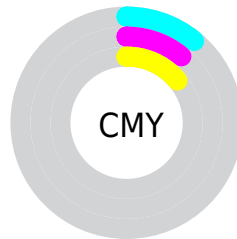
- Red (89%)
- Green (89%)
- Blue (86%)



- Red (86%)
- Yellow (89%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3466, 75.6759, 77.8644 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 71.3466, 75.6759, 77.8644 by changing the saturation by 10% instead.

■ 71.3466, 75.6759,
77.8644

■ 71.3466, 75.6759,
77.8644

454.4572,
480.2375, 507.2219

■ 52.9086, 56.1668,
57.4468

120.1429,
127.2687, 132.1431

■ 37.9570, 40.3367,
40.9523

151.2321,
160.1211, 166.8413

■ 26.1264, 27.8011,
27.9624

187.2689,
198.1901, 207.1367

■ 17.0514, 18.1758,
18.0585

228.6189,
241.8601, 253.4479

■ 10.3667, 11.0763,
10.8221

275.6474,
291.5154, 306.1936

■ 5.7069, 6.1182,
5.8347

328.7197,

■ 2.7066, 2.9171,

347.5405, 365.7921

2.6777

388.2011,
410.3197, 432.6620

■ 1.0006, 1.0886,
0.9322

■ 0.0000, 0.0000,
0.0000

■ 71.3466, 75.6759,
77.8644

■ 71.3466, 75.6759,
77.8644

■ 68.5680, 74.5664,
63.2431

■ 74.5335, 76.9535,
94.6167

■ 66.1752, 73.6089,
50.6627

■ 76.6200, 77.7886,
105.5841

■ 64.1529, 72.7995,
40.0339

■ 76.6239, 77.7906,
105.5843

■ 62.4828, 72.1310,
31.2591

■ 76.6277, 77.7926,
105.5845

61.1445, 71.5953,
24.2320

76.6316, 77.7945,
105.5847

60.1160, 71.1834,
18.8358

76.6354, 77.7965,
105.5849

59.3722, 70.8855,
14.9394

76.6393, 77.7985,
105.5850

58.8845, 70.6899,
12.3914

76.6432, 77.8005,
105.5852

58.6182, 70.5829,
11.0089

76.6470, 77.8025,
105.5854

Harmonies

Analogous

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



72.2300, 75.6759, 77.6571



71.3466, 75.6759, 77.8644



70.6245, 75.6759, 79.2722

Triad

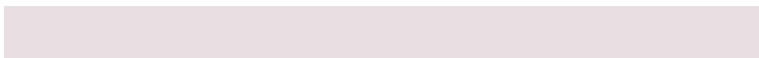
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3466, 75.6759, 77.8644



70.8277, 75.6759, 86.2104



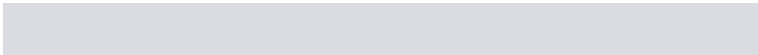
73.6292, 75.6759, 83.2659

Complementary

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



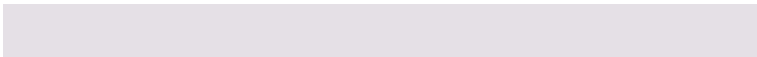
71.3466, 75.6759, 77.8644



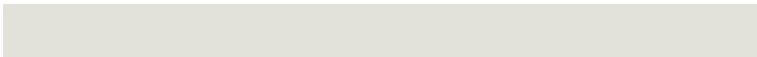
68.2752, 71.2161, 82.1029

Split Complementary

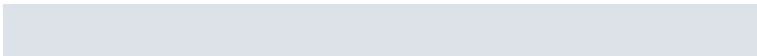
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2468, 75.6759, 85.6053



71.3466, 75.6759, 77.8644



71.6262, 75.6759, 87.3284

Square

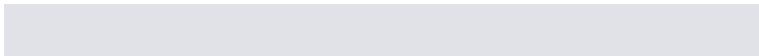
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3466, 75.6759, 77.8644



70.3267, 75.6759, 84.0781



72.5119, 75.6759, 87.1046



73.5528, 75.6759, 80.7408

Rectangle

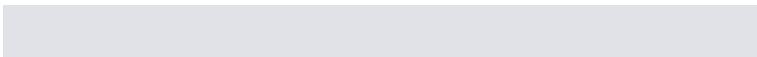
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



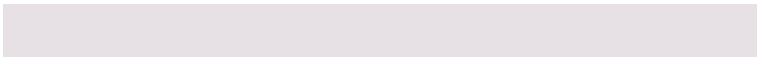
71.3466, 75.6759, 77.8644



70.3295, 75.6759, 80.7186



72.5119, 75.6759, 87.1046



73.5499, 75.6759, 84.1009

Sweetspot

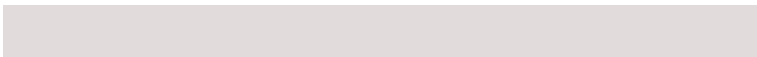
The Sweet Spot groups the original color and five complimentary colors.



71.3487, 75.6792, 77.8660



94.6416, 99.8366, 106.7520



69.4841, 71.9481, 77.2441



20.2615, 21.3709, 22.8720



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.



71.3487, 75.6792, 77.8660



93.4489, 99.3593, 100.4792



70.2629, 75.1194, 77.8152



15.1558, 16.1431, 16.1142



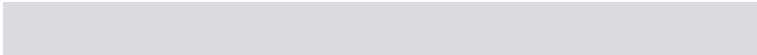
33.3871, 40.2442, 6.0082



2.3145, 2.7896, 0.4165

Inverse Universe

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



68.2752, 71.2161, 82.1029



88.2303, 91.7814, 107.6731



69.3388, 71.7644, 82.1527



14.1654, 14.7050, 17.4794



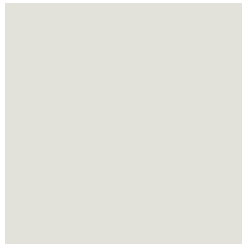
7.8327, 3.1332, 41.2403



0.5432, 0.2173, 2.8586

Previews

White Background



This preview shows how the XYZ color 71.3466, 75.6759, 77.8644 looks on a white background.

Color Contrast Check

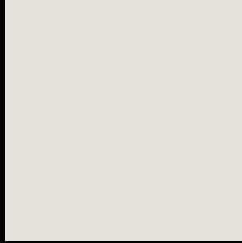
Large Text (above 18pt) WCAG AA × Fail

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 71.3466, 75.6759, 77.8644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

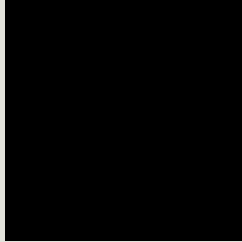
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

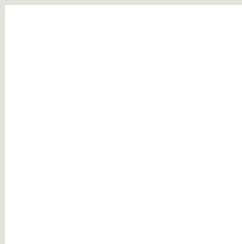
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3466, 75.6759, 77.8644

Background



This preview shows how black text looks on a background with the XYZ color 71.3466, 75.6759, 77.8644.

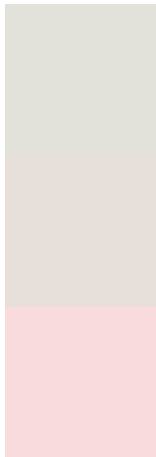


This preview shows how white text looks on a background with the XYZ color 71.3466, 75.6759,

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

71.3466, 75.6759, 77.8644

Protanopia

72.2655, 75.3622, 77.0672

Deuteranopia

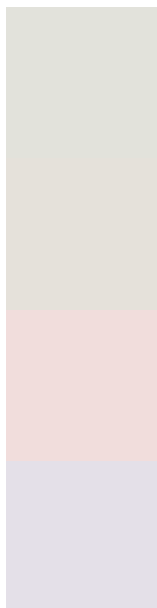
77.1895, 75.5030, 78.9118



Tritanopia

74.4290, 75.7246, 93.1316

Trichromacy



Original Color

71.3466, 75.6759, 77.8644

Protanomaly

71.8932, 75.5704, 77.1270

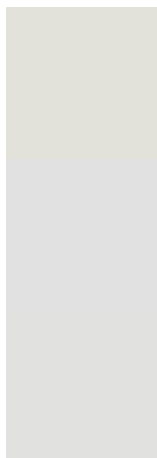
Deuteranomaly

75.0503, 75.5810, 78.3432

Tritanomaly

73.2161, 75.6315, 87.0834

Monochromacy



Original Color

71.3466, 75.6759, 77.8644

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.2958, 75.1857, 80.5666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3466, 75.6759, 77.8644 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, 219) looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 219) }
```

Border

The CSS property to change the border of an element to XYZ 71.3466, 75.6759, 77.8644 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, 219) }
```


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

```
.border{ border-color:rgb(226, 226, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 219);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3466, 75.6759, 77.8644 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, 219) }
```

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

```
.background{ background-color: rgb(226,  
226, 219) }
```

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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