

Converting Colors

XYZ(71.0908, 76.7149, 85.7497)

Have a look what the booklet for
XYZ(71.0908, 76.7149, 85.7497)
contains.

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Color

**XYZ(70.9175, 76.5035,
85.8918)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E5E6
RGB	217, 229, 230
RGB Percent	85%, 90%, 90%
CMY	0.1490, 0.1019, 0.0980
CMYK	0.06, 0.00, 0.00, 0.10
HSL	185°, 21%, 88%
HSV	185°, 6%, 90%
XYZ	70.9175, 76.5035, 85.8918
YIQ	225.5260, -7.4730, -2.2330

Conversions

Conversions Part 2

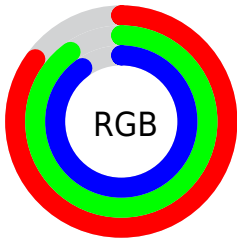
Format	Color
R _Y B	217, 223, 230
Decimal	14280166
CIE Lab	90.09, -3.80, -1.88
CIE LCh	90, 4.237, 206.314
Yxy	76.5035, 0.3040, 0.3279
Android (android.graphics.Color)	4292470246 (0xFFD9E5E6)
YUV	225.5260, 2.2057, -7.4773
Hunter-Lab	87.4663, -8.3385, 3.0037

Details

The XYZ color **70.9175, 76.5035, 85.8918** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2292, 71.9749, 75.8379**, and the grayscale version is **71.9369, 75.6832, 82.4190**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7742, 41.0486, 46.4897** is the 20% darker color. If you saturate the color by 10%, you get **64.0671, 72.2536, 85.4337**, and if you desaturate by 10%, it is **78.7300, 81.2609, 86.3995**.

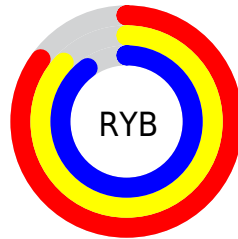
Distribution



Red (85%)

Green (90%)

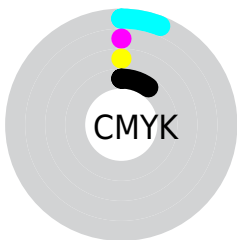
Blue (90%)



Red (85%)

Yellow (87%)

Blue (90%)

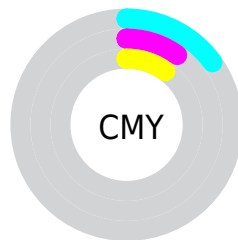


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (10%)



Cyan (15%)

Magenta (10%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9175, 76.5035, 85.8918 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 70.9175, 76.5035, 85.8918 by changing the saturation by 10% instead.

■ 70.9175, 76.5035,
85.8918

■ 70.9175, 76.5035,
85.8918

452.9813,
483.0695, 534.7957

■ 52.5572, 56.8455,
64.0241

119.5354,
128.4384, 143.5037

■ 37.6754, 40.8812,
46.2239

150.5237,
161.4840, 180.0850

■ 25.9069, 28.2263,
32.0726

186.4520,
199.7610, 222.4079

■ 16.8864, 18.4963,
21.1517

227.6857,
243.6537, 270.8910

■ 10.2483, 11.3069,
13.0426

274.5901,
293.5465, 325.9528

■ 5.6274, 6.2736,
7.3268

327.5306,

■ 2.6584, 3.0122,

349.8238, 388.0118

3.5858

386.8725,
412.8700, 457.4866

■ 0.9758, 1.1381,
1.4010

■ 0.0000, 0.0103,
0.1425

■ 70.9175, 76.5035,
85.8918

■ 70.9175, 76.5035,
85.8918

■ 64.0671, 72.2536,
85.4337

■ 78.7300, 81.2609,
86.3995

■ 58.1331, 68.4814,
85.0184

■ 84.5294, 84.9858,
86.8128

■ 53.0757, 65.1684,
84.6455

■ 85.0297, 85.9863,
86.9795

■ 48.8498, 62.2913,
84.3129

■ 85.5349, 86.9968,
87.1480

■ 45.4061, 59.8248,
84.0183

■ 86.0451, 88.0172,
87.3180

■ 42.6902, 57.7407,
83.7591

■ 86.5604, 89.0478,
87.4898

■ 40.6407, 56.0074,
83.5326

■ 87.0807, 90.0884,
87.6632

■ 39.1860, 54.5878,
83.3353

■ 87.6061, 91.1391,
87.8383

■ 38.2377, 53.4366,
83.1630

■ 88.1365, 92.1999,
88.0151

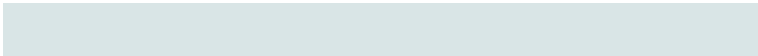
Harmonies

Analogous

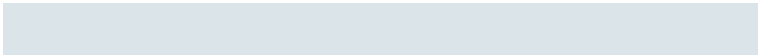
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.7158, 76.5035, 82.9277



70.9175, 76.5035, 85.8918



71.5990, 76.5035, 88.2094

Triad

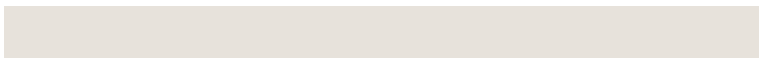
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9175, 76.5035, 85.8918



74.4091, 76.5035, 86.5514



72.8443, 76.5035, 77.6551

Complementary

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



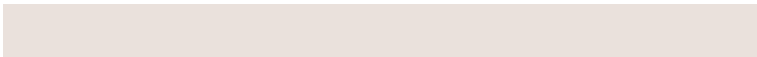
70.9175, 76.5035, 85.8918



70.2292, 71.9749, 75.8379

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.



73.8411, 76.5035, 78.5749



70.9175, 76.5035, 85.8918



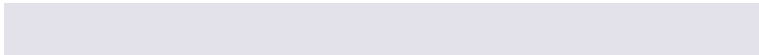
74.7500, 76.5035, 83.6720

Square

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



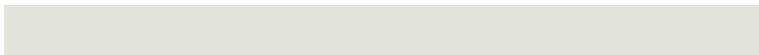
70.9175, 76.5035, 85.8918



73.6140, 76.5035, 88.5966



74.5412, 76.5035, 80.7595



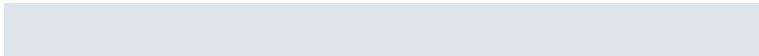
71.8220, 76.5035, 78.2175

Rectangle

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



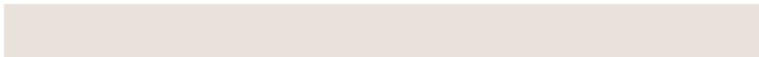
70.9175, 76.5035, 85.8918



72.2371, 76.5035, 89.0511



74.5412, 76.5035, 80.7595



73.1936, 76.5035, 77.8006

Sweetspot

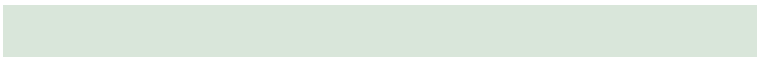
The Sweet Spot groups the original color and five complimentary colors.



70.9197, 76.5067, 85.8935



93.0739, 98.7964, 108.7718



69.5507, 76.4016, 77.3207



19.9424, 21.1591, 23.2830



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

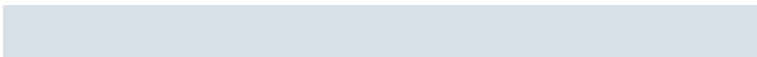
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9197, 76.5067, 85.8935



88.3503, 95.9006, 108.4618



69.1892, 73.0457, 85.3167



14.9956, 16.3150, 18.5031



21.5087, 30.0795, 47.0555



1.6177, 2.2793, 3.4867

Inverse Universe

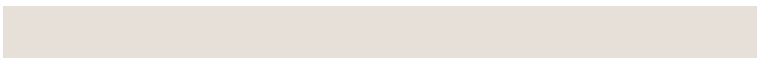
The Inverse Universe completely reimagines the original color for something new.



71.5905, 72.1073, 84.2774



89.3981, 89.0475, 105.9332



71.9130, 75.3426, 76.3992



15.1871, 15.0635, 18.0405



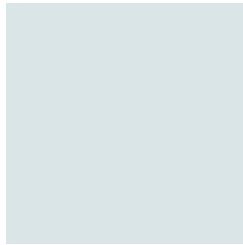
25.2501, 12.2343, 36.5416



1.8802, 0.9098, 2.7755

Previews

White Background



This preview shows how the XYZ color 70.9175, 76.5035, 85.8918 looks on a white background.

Color Contrast Check

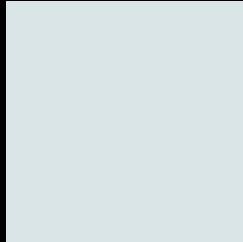
Large Text (above 18pt) WCAG AA × Fail

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 70.9175, 76.5035, 85.8918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

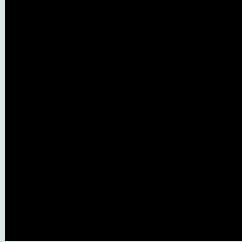
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

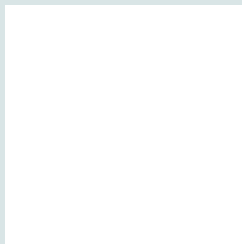
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.9175, 76.5035, 85.8918

Background



This preview shows how black text looks on a background with the XYZ color 70.9175, 76.5035, 85.8918.



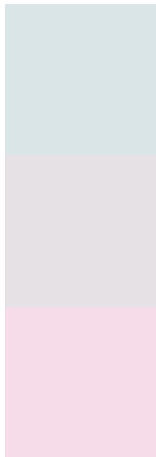
This preview shows how white text looks on a background with the XYZ color 70.9175, 76.5035,

85.8918.

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

70.9175, 76.5035, 85.8918

Protanopia

73.5619, 76.2749, 84.2442

Deuteranopia

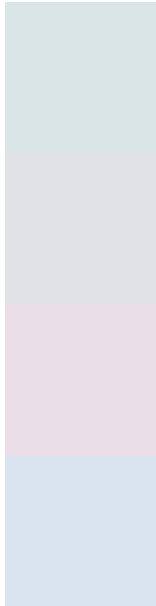
77.9030, 76.0821, 86.9233



Tritanopia

73.1639, 76.5908, 97.3136

Trichromacy



Original Color

70.9175, 76.5035, 85.8918

Protanomaly

72.3906, 76.0574, 84.9939

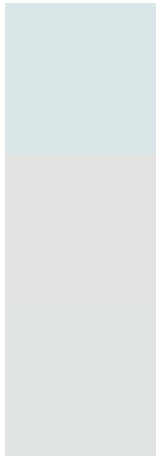
Deuteranomaly

75.0724, 76.2070, 86.3540

Tritanomaly

72.3850, 76.6835, 93.4244

Monochromacy



Original Color

70.9175, 76.5035, 85.8918

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.7656, 76.1722, 83.5933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9175, 76.5035, 85.8918 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(217, 229, 230) looks like.

```
.text, #text, p{  
    color:rgb(217, 229, 230)  
}
```

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(217, 229, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 229, 230) }
```

Border

The CSS property to change the border of an element to XYZ 70.9175, 76.5035, 85.8918 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(217, 229, 230) }
```


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

```
.border{ border-color:rgb(217, 229, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 229, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 229, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 229, 230);  
box-shadow:4px 4px 4px 4px rgb(217, 229,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9175, 76.5035, 85.8918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 229, 230) }
```

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

```
.background{ background-color: rgb(217,  
229, 230) }
```

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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