

Converting Colors

XYZ(70.8460, 71.6209, 80.3518)

Have a look what the booklet for
XYZ(70.8460, 71.6209, 80.3518)
contains.

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Color

**XYZ(70.9005, 71.8305,
80.6488)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D9E0
RGB	230, 217, 224
RGB Percent	90%, 85%, 88%
CMY	0.0980, 0.1490, 0.1216
CMYK	0.00, 0.06, 0.03, 0.10
HSL	328°, 21%, 88%
HSV	328°, 6%, 90%
XYZ	70.9005, 71.8305, 80.6488
YIQ	221.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

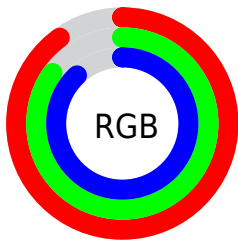
Format	Color
R _{YB}	230, 217, 224
Decimal	15129056
CIE Lab	87.89, 5.67, -1.84
CIE LCh	88, 5.964, 342.013
Yxy	71.8305, 0.3174, 0.3216
Android (android.graphics.Color)	4293319136 (0xFFE6D9E0)
YUV	221.6850, 1.1413, 7.2923
Hunter-Lab	84.7529, 1.0077, 2.9081

Details

The XYZ color **70.9005, 71.8305, 80.6488** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2341, 76.6749, 80.9138**, and the grayscale version is **69.2002, 72.8040, 79.2835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5373, 37.7039, 42.8353** is the 20% darker color. If you saturate the color by 10%, you get **63.9854, 60.2327, 71.4596**, and if you desaturate by 10%, it is **78.7358, 85.1229, 90.5903**.

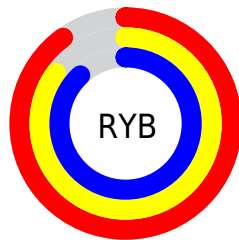
Distribution



Red (90%)

Green (85%)

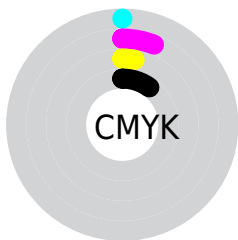
Blue (88%)



Red (90%)

Yellow (85%)

Blue (88%)

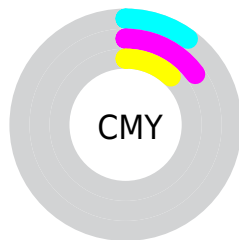


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9005, 71.8305, 80.6488 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 70.9005, 71.8305, 80.6488 by changing the saturation by 10% instead.

70.9005, 71.8305,
80.6488

70.9005, 71.8305,
80.6488

452.9228,
466.9514, 516.8810

52.5432, 53.0202,
59.7231

119.5113,
121.8155, 136.0972

37.6643, 37.8189,
42.7716

150.4956,
153.7590, 171.4569

25.8983, 25.8422,
29.3759

186.4196,
190.8491, 212.4650

16.8798, 16.7056,
19.1174

227.6487,
233.4701, 259.5401

10.2436, 10.0248,
11.5774

274.5482,
282.0065, 313.1007

5.6243, 5.4154,
6.3376

327.4834,

2.6565, 2.4930,

336.8425, 373.5654

2.9793

386.8199,
398.3627, 441.3526

■ 0.9748, 0.8731,
1.0841

■ 0.0000, 0.0000,
0.0000

■ 70.9005, 71.8305,
80.6488

■ 70.9005, 71.8305,
80.6488

■ 63.9854, 60.2327,
71.4596

■ 78.7358, 85.1229,
90.5903

■ 57.9489, 50.2515,
62.9981

■ 84.9114, 94.9504,
100.4292

■ 52.7548, 41.8168,
55.2449

■ 86.4436, 95.5632,
108.4972

■ 48.3625, 34.8496,
48.1779

■ 44.7274, 29.2637,
41.7735

■ 41.8005, 24.9641,
36.0064

■ 39.5265, 21.8434,
30.8486

■ 37.8416, 19.7768,
26.2693

■ 36.6671, 18.6104,
22.2319

Harmonies

Analogous

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



70.1150, 71.8305, 84.1611



70.9005, 71.8305, 80.6488



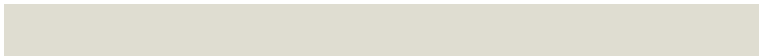
70.9760, 71.8305, 76.5963

Triad

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



70.9005, 71.8305, 80.6488



67.7065, 71.8305, 70.8155



66.2658, 71.8305, 83.5579

Complementary

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



70.9005, 71.8305, 80.6488



70.2341, 76.6749, 80.9138

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.



65.6390, 71.8305, 79.8486



70.9005, 71.8305, 80.6488



66.4631, 71.8305, 72.5486

Square

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



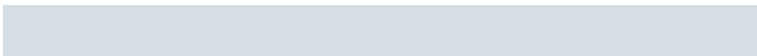
70.9005, 71.8305, 80.6488



69.1187, 71.8305, 71.0129



65.7107, 71.8305, 75.8232



67.4337, 71.8305, 85.8802

Rectangle

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



70.9005, 71.8305, 80.6488



70.6122, 71.8305, 74.1421



65.7107, 71.8305, 75.8232



65.9855, 71.8305, 82.4265

Sweetspot

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



70.9025, 71.8336, 80.6504



93.0677, 96.6384, 106.3805



69.4837, 71.0065, 84.9073



19.9411, 20.7198, 22.7963



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.



70.9025, 71.8336, 80.6504



88.3190, 88.6158, 100.2506



70.0576, 71.4956, 76.2010



14.9897, 14.9845, 17.0006



20.5906, 10.3704, 12.0048



1.5684, 0.7851, 1.1336

Inverse Universe

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



70.9025, 71.8336, 80.6504



88.3190, 88.6158, 100.2506



71.1061, 77.0237, 85.5057



14.9897, 14.9845, 17.0006



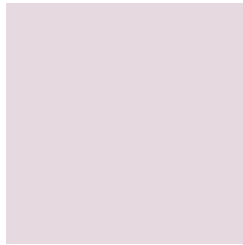
20.5906, 10.3704, 12.0048



1.5684, 0.7851, 1.1336

Previews

White Background



This preview shows how the XYZ color 70.9005, 71.8305, 80.6488 looks on a white background.

Color Contrast Check

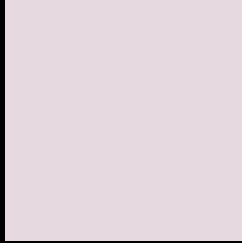
Large Text (above 18pt) WCAG AA × Fail

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 70.9005, 71.8305, 80.6488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

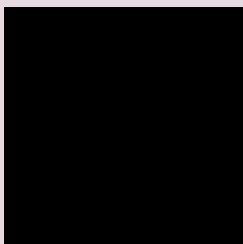
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

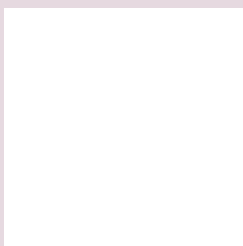
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.9005, 71.8305, 80.6488

Background



This preview shows how black text looks on a background with the XYZ color 70.9005, 71.8305, 80.6488.



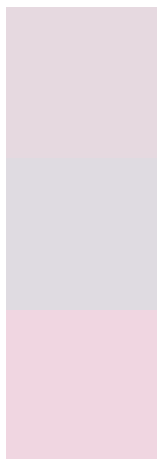
This preview shows how white text looks on a background with the XYZ color 70.9005, 71.8305,

80.6488.

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

70.9005, 71.8305, 80.6488

Protanopia

69.3536, 71.7873, 81.4352

Deuteranopia

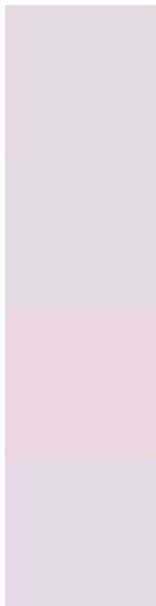
73.5724, 72.0546, 81.2644



Tritanopia

72.2188, 71.9839, 87.1787

Trichromacy



Original Color

70.9005, 71.8305, 80.6488

Protanomaly

70.0260, 71.7478, 81.3921

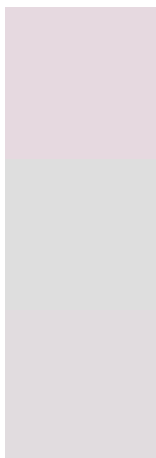
Deuteranomaly

72.4831, 71.8700, 81.2862

Tritanomaly

71.7938, 71.8138, 84.9404

Monochromacy



Original Color

70.9005, 71.8305, 80.6488

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.9638, 72.5217, 80.1226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9005, 71.8305, 80.6488 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(230, 217, 224) looks like.

```
.text, #text, p{  
    color:rgb(230, 217, 224)  
}
```

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(230, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 217, 224) }
```

Border

The CSS property to change the border of an element to XYZ 70.9005, 71.8305, 80.6488 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(230, 217, 224) }
```


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

```
.border{ border-color:rgb(230, 217, 224) }
```

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

Here you see how a box with a 4 pixel rgb(230, 217, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(230, 217,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9005, 71.8305, 80.6488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 217, 224) }
```

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

```
.background{ background-color: rgb(230,  
217, 224) }
```

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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