

Converting Colors

XYZ(70.1147, 71.4294, 74.7686)

Have a look what the booklet for
XYZ(70.1147, 71.4294, 74.7686)
contains.

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Color

**XYZ(70.1625, 71.5725,
75.0827)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D9D8
RGB	231, 217, 216
RGB Percent	91%, 85%, 85%
CMY	0.0941, 0.1490, 0.1529
CMYK	0.00, 0.06, 0.06, 0.09
HSL	4°, 24%, 88%
HSV	4°, 6%, 91%
XYZ	70.1625, 71.5725, 75.0827
YIQ	221.0720, 8.6650, 2.6570

Conversions

Conversions Part 2

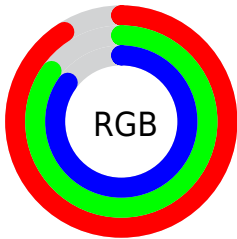
Format	Color
R _Y B	231, 217, 216
Decimal	15194584
CIE Lab	87.76, 4.63, 2.21
CIE LCh	88, 5.129, 25.473
Yxy	71.5725, 0.3236, 0.3301
Android (android.graphics.Color)	4293384664 (0xFFE7D9D8)
YUV	221.0720, -2.5005, 8.7069
Hunter-Lab	84.6005, -0.0140, 6.6007

Details

The XYZ color **70.1625, 71.5725, 75.0827** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0393, 76.9608, 86.7128**, and the grayscale version is **68.7922, 72.3748, 78.8161**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0325, 37.5278, 39.0100** is the 20% darker color. If you saturate the color by 10%, you get **62.1864, 60.0679, 58.7112**, and if you desaturate by 10%, it is **79.2881, 84.7025, 93.9104**.

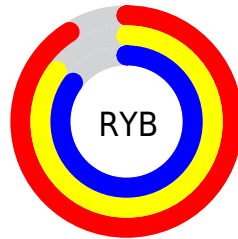
Distribution



Red (91%)

Green (85%)

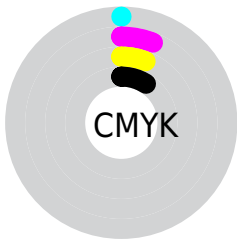
Blue (85%)



Red (91%)

Yellow (85%)

Blue (85%)

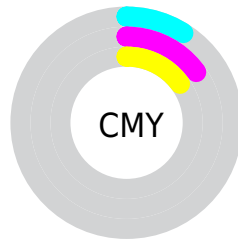


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1625, 71.5725, 75.0827 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 70.1625, 71.5725, 75.0827 by changing the saturation by 10% instead.

70.1625, 71.5725,
75.0827

70.1625, 71.5725,
75.0827

450.3779,
466.0523, 497.4648

51.9391, 52.8095,
55.1785

118.4655,
121.4485, 128.1776

37.1806, 37.6507,
39.1451

149.2757,
153.3304, 162.2054

25.5217, 25.7117,
26.5639

185.0124,
190.3540, 201.7781

16.5969, 16.6081,
17.0164

226.0407,
232.9038, 247.3143

10.0411, 9.9555,
10.0841

272.7260,
281.3641, 299.2325

5.4887, 5.3694,
5.3484

325.4338,

2.5744, 2.4656,

336.1194, 357.9513

2.3908

384.5293,
397.5539, 423.8892

■ 0.9329, 0.8593,
0.7814

■ 0.0000, 0.0000,
0.0000

■ 70.1625, 71.5725,
75.0827

■ 70.1625, 71.5725,
75.0827

■ 62.1864, 60.0679,
58.7112

■ 79.2881, 84.7025,
93.9104

■ 55.3085, 50.1164,
44.6901

■ 86.7653, 95.7291,
108.5123

■ 49.4825, 41.6545,
32.9131

■ 44.6563, 34.6104,
23.2636

■ 40.7738, 28.9066,
15.6147

■ 37.7728, 24.4579,
9.8256

■ 35.5840, 21.1697,
5.7379

■ 34.1275, 18.9335,
3.1661

■ 33.3065, 17.6204,
1.8783

Harmonies

Analogous

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



70.3876, 71.5725, 78.4605



70.1625, 71.5725, 75.0827



69.3628, 71.5725, 72.5372

Triad

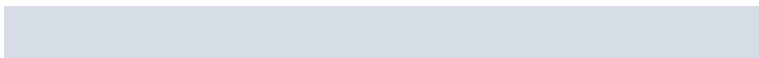
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.1625, 71.5725, 75.0827



66.1174, 71.5725, 74.1924



67.8430, 71.5725, 84.8054

Complementary

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



70.1625, 71.5725, 75.0827



71.0393, 76.9608, 86.7128

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.



66.7095, 71.5725, 83.5843



70.1625, 71.5725, 75.0827



65.7208, 71.5725, 77.4024

Square

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



70.1625, 71.5725, 75.0827



67.0258, 71.5725, 72.0340



65.9363, 71.5725, 80.8490



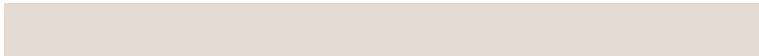
69.0391, 71.5725, 84.1398

Rectangle

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



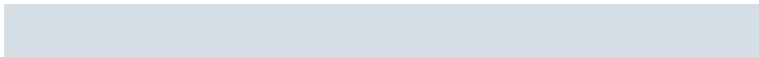
70.1625, 71.5725, 75.0827



68.6163, 71.5725, 71.6198



65.9363, 71.5725, 80.8490



67.4421, 71.5725, 84.6010

Sweetspot

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



70.1645, 71.5756, 75.0842



92.7403, 96.6772, 104.1329



71.7947, 71.8149, 84.9414



19.8744, 20.7277, 22.3386



0.0000, 0.0000, 0.0000



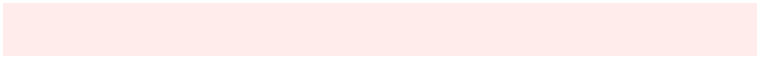
20.3446, 21.4041, 23.3091

Same Dimension

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



70.1645, 71.5756, 75.0842



86.1632, 87.2061, 90.5858



72.1408, 75.5282, 75.7430



14.4541, 14.5220, 14.9457



18.6059, 9.7859, 0.9082



1.4023, 0.7779, 0.0762

Inverse Universe

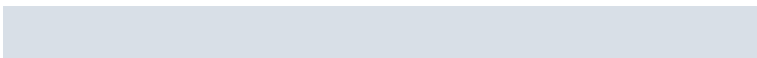
The Inverse Universe completely reimagines the original color for something new.



71.0393, 76.9608, 86.7128



87.5050, 95.4661, 108.4225



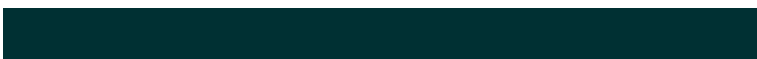
68.9980, 72.8780, 86.0324



14.7205, 16.1625, 18.4881



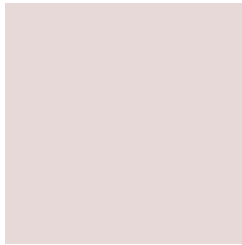
21.8231, 30.7082, 47.1603



1.6377, 2.3192, 3.4933

Previews

White Background



This preview shows how the XYZ color 70.1625, 71.5725, 75.0827 looks on a white background.

Color Contrast Check

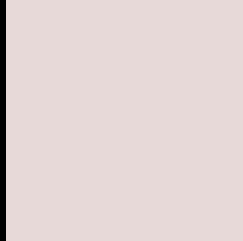
Large Text (above 18pt) WCAG AA × Fail

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 70.1625, 71.5725, 75.0827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

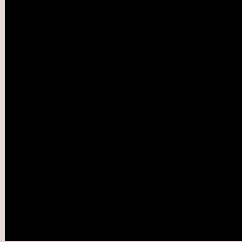
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

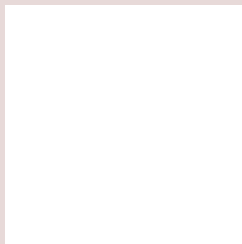
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1625, 71.5725, 75.0827

Background



This preview shows how black text looks on a background with the XYZ color 70.1625, 71.5725, 75.0827.



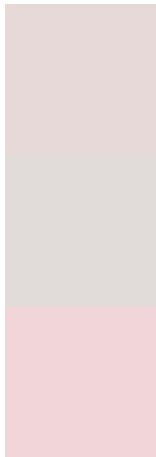
This preview shows how white text looks on a background with the XYZ color 70.1625, 71.5725,

75.0827.

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

70.1625, 71.5725, 75.0827

Protanopia

68.9072, 71.6803, 75.8495

Deuteranopia

72.9366, 71.4755, 75.5976



Tritanopia

72.3285, 71.6940, 85.6275

Trichromacy



Original Color

70.1625, 71.5725, 75.0827

Protanomaly

69.2743, 71.4835, 75.7922

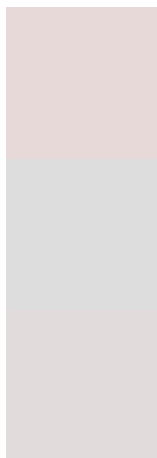
Deuteranomaly

71.8308, 71.2800, 75.6182

Tritanomaly

71.5620, 71.7585, 82.0306

Monochromacy



Original Color

70.1625, 71.5725, 75.0827

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.4307, 72.3084, 77.3154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1625, 71.5725, 75.0827 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(231, 217, 216) looks like.

```
.text, #text, p{  
    color:rgb(231, 217, 216)  
}
```

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(231, 217, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 217, 216) }
```

Border

The CSS property to change the border of an element to XYZ 70.1625, 71.5725, 75.0827 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(231, 217, 216) }
```


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

```
.border{ border-color:rgb(231, 217, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 217, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 217, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 217, 216);  
box-shadow:4px 4px 4px 4px rgb(231, 217,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1625, 71.5725, 75.0827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 217, 216) }
```

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

```
.background{ background-color: rgb(231,  
217, 216) }
```

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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