

Converting Colors

XYZ(70.0567, 71.0402, 74.7384)

Have a look what the booklet for
XYZ(70.0567, 71.0402, 74.7384)
contains.

XYZ(70.2292, 71.2254, 75.0121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.2292, 71.2254,
75.0121)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D8D8
RGB	232, 216, 216
RGB Percent	91%, 85%, 85%
CMY	0.0902, 0.1529, 0.1529
CMYK	0.00, 0.07, 0.07, 0.09
HSL	0°, 26%, 88%
HSV	0°, 7%, 91%
XYZ	70.2292, 71.2254, 75.0121
YIQ	220.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

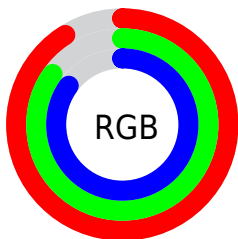
Format	Color
R _Y B	232, 216, 216
Decimal	15259864
CIE Lab	87.59, 5.50, 1.97
CIE LCh	88, 5.841, 19.730
Yxy	71.2254, 0.3244, 0.3290
Android (android.graphics.Color)	4293449944 (0xFFE8D8D8)
YUV	220.7840, -2.3585, 9.8364
Hunter-Lab	84.3951, 0.8468, 6.3785

Details

The XYZ color **70.2292, 71.2254, 75.0121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7407, 78.1369, 87.6455**, and the grayscale version is **68.5887, 72.1607, 78.5830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0824, 37.2931, 38.9620** is the 20% darker color. If you saturate the color by 10%, you get **61.9108, 59.0540, 58.4715**, and if you desaturate by 10%, it is **79.8138, 85.2499, 94.0658**.

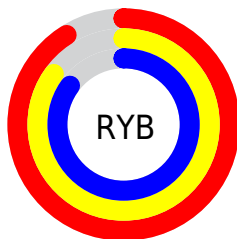
Distribution



Red (91%)

Green (85%)

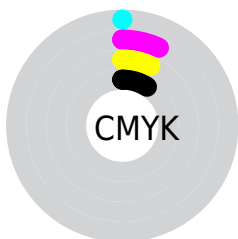
Blue (85%)



Red (91%)

Yellow (85%)

Blue (85%)

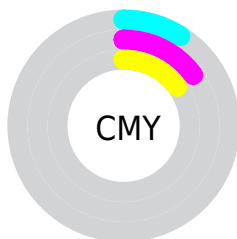


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2292, 71.2254, 75.0121 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 70.2292, 71.2254, 75.0121 by changing the saturation by 10% instead.

70.2292, 71.2254,
75.0121

70.2292, 71.2254,
75.0121

450.6082,
464.8410, 497.2157

51.9937, 52.5262,
55.1210

118.5600,
120.9546, 128.0767

37.2243, 37.4246,
39.0994

149.3861,
152.7534, 162.0874

25.5557, 25.5364,
26.5286

185.1397,
189.6874, 201.6416

16.6225, 16.4772,
16.9902

226.1861,
232.1412, 247.1580

10.0593, 9.8624,
10.0656

272.8909,
280.4990, 299.0550

5.5009, 5.3078,
5.3363

325.6192,

2.5818, 2.4290,

335.1453, 357.7513

2.3837

384.7366,
396.4645, 423.6654

■ 0.9367, 0.8407,
0.7776

■ 0.0000, 0.0000,
0.0000

■ 70.2292, 71.2254,
75.0121

■ 70.2292, 71.2254,
75.0121

■ 61.9108, 59.0540,
58.4715

■ 79.8138, 85.2499,
94.0658

■ 54.8002, 48.6494,
44.3347

■ 87.0890, 95.8960,
108.5274

■ 48.8429, 39.9323,
32.4914

■ 43.9782, 32.8139,
22.8208

■ 40.1399, 27.1972,
15.1908

■ 37.2543, 22.9745,
9.4554

■ 35.2383, 20.0242,
5.4489

■ 33.9944, 18.2034,
2.9772

■ 33.3973, 17.3293,
1.7914

Harmonies

Analogous

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



70.3455, 71.2254, 78.9168



70.2292, 71.2254, 75.0121



69.4294, 71.2254, 71.8907

Triad

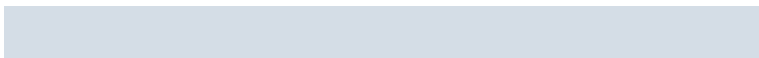
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2292, 71.2254, 75.0121



65.6907, 71.2254, 72.7376



67.2251, 71.2254, 85.2824

Complementary

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



70.2292, 71.2254, 75.0121



71.7407, 78.1369, 87.6455

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.



65.9949, 71.2254, 83.5037



70.2292, 71.2254, 75.0121



65.1170, 71.2254, 76.2038

Square

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



70.2292, 71.2254, 75.0121



66.8047, 71.2254, 70.6088



65.2276, 71.2254, 80.1493



68.5984, 71.2254, 84.9368

Rectangle

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



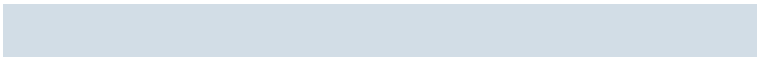
70.2292, 71.2254, 75.0121



68.6222, 71.2254, 70.6318



65.2276, 71.2254, 80.1493



66.7814, 71.2254, 84.9108

Sweetspot

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



70.2312, 71.2285, 75.0136



92.6346, 96.4658, 104.0977



72.4009, 72.0947, 86.4444



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



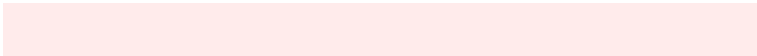
20.3446, 21.4041, 23.3091

Same Dimension

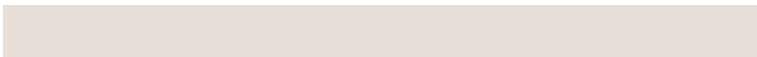
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.2312, 71.2285, 75.0136



85.7731, 86.4259, 90.4558



72.3299, 75.4259, 75.7132



14.3774, 14.3686, 14.9201



18.4755, 9.5252, 0.8648



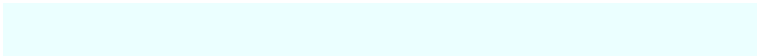
1.3654, 0.7041, 0.0639

Inverse Universe

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



71.7407, 78.1369, 87.6455



87.9373, 96.3308, 108.5667



69.5410, 73.7374, 86.9122



14.8072, 16.3358, 18.5170



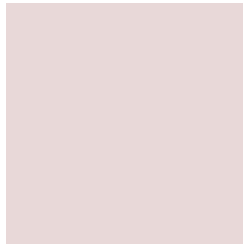
24.0971, 35.2562, 47.9183



1.7808, 2.6055, 3.5410

Previews

White Background



This preview shows how the XYZ color 70.2292, 71.2254, 75.0121 looks on a white background.

Color Contrast Check

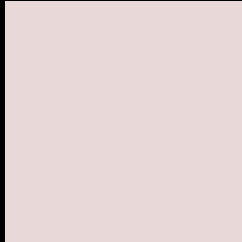
Large Text (above 18pt) WCAG AA × Fail

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 70.2292, 71.2254, 75.0121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

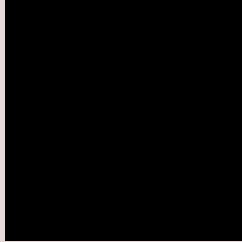
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

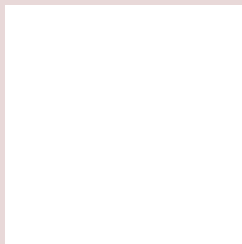
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2292, 71.2254, 75.0121

Background



This preview shows how black text looks on a background with the XYZ color 70.2292, 71.2254, 75.0121.



This preview shows how white text looks on a background with the XYZ color 70.2292, 71.2254,

75.0121.

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

70.2292, 71.2254, 75.0121

Protanopia

68.5964, 71.5201, 75.8350

Deuteranopia

72.6858, 70.9740, 75.5140



Tritanopia

72.4021, 71.3551, 85.5582

Trichromacy



Original Color

70.2292, 71.2254, 75.0121

Protanomaly

69.2743, 71.4835, 75.7922

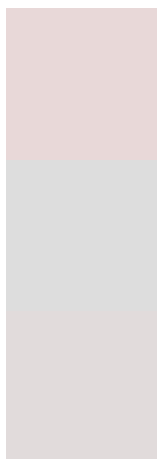
Deuteranomaly

71.5785, 70.7754, 75.5341

Tritanomaly

71.6322, 71.4155, 81.9607

Monochromacy



Original Color

70.2292, 71.2254, 75.0121

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.1690, 71.7851, 77.2281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2292, 71.2254, 75.0121 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(232, 216, 216) looks like.

```
.text, #text, p{  
    color:rgb(232, 216, 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(232, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 216, 216) }
```

Border

The CSS property to change the border of an element to XYZ 70.2292, 71.2254, 75.0121 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(232, 216, 216) }
```


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

```
.border{ border-color:rgb(232, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(232, 216,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2292, 71.2254, 75.0121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 216, 216) }
```

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

```
.background{ background-color: rgb(232,  
216, 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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