

Converting Colors

XYZ(70.8632, 72.2556, 63.0392)

Have a look what the booklet for
XYZ(70.8632, 72.2556, 63.0392)
contains.

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Color

**XYZ(70.8261, 72.1822,
63.0229)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D9C5
RGB	240, 217, 197
RGB Percent	94%, 85%, 77%
CMY	0.0588, 0.1490, 0.2274
CMYK	0.00, 0.10, 0.18, 0.06
HSL	28°, 59%, 86%
HSV	28°, 18%, 94%
XYZ	70.8261, 72.1822, 63.0229
YIQ	221.5970, 20.1280, -1.3440

Conversions

Conversions Part 2

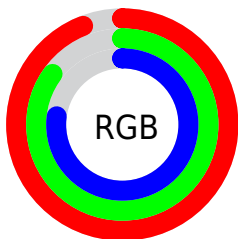
Format	Color
R _Y B	240, 234, 197
Decimal	15784389
CIE Lab	88.06, 4.78, 12.73
CIE LCh	88, 13.600, 69.402
Yxy	72.1822, 0.3438, 0.3503
Android (android.graphics.Color)	4293974469 (0xFFFF0D9C5)
YUV	221.5970, -12.1263, 16.1394
Hunter-Lab	84.9601, 0.1245, 15.4911

Details

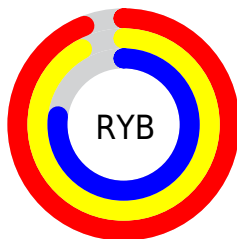
The XYZ color **70.8261, 72.1822, 63.0229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.3470, 69.3464, 92.4324**, and the grayscale version is **69.2214, 72.8263, 79.3079**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **37.6454, 38.0142, 31.3399** is the 20% darker color. If you saturate the color by 10%, you get **65.1120, 64.8098, 48.6137**, and if you desaturate by 10%, it is **77.2393, 80.2509, 79.8268**.

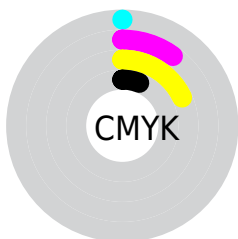
Distribution



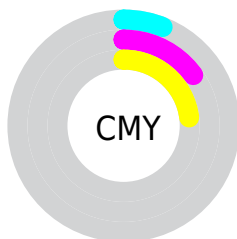
- Red (94%)
- Green (85%)
- Blue (77%)



- Red (94%)
- Yellow (92%)
- Blue (77%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (6%)



- Cyan (6%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8261, 72.1822, 63.0229 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 70.8261, 72.1822, 63.0229 by changing the saturation by 10% instead.

70.8261, 72.1822,
63.0229

70.8261, 72.1822,
63.0229

452.6666,
468.1755, 453.7628

52.4823, 53.3075,
45.4186

119.4059,
122.3155, 110.7884

37.6155, 38.0483,
31.4419

150.3727,
154.3430, 141.7868

25.8602, 26.0202,
20.6743

186.2778,
191.5235, 178.0869

16.8513, 16.8388,
12.6972

227.4867,
234.2414, 220.1073

10.2231, 10.1196,
7.0921

274.3647,
282.8812, 268.2666

5.6106, 5.4783,
3.4405

327.2771,

2.6481, 2.5306,

337.8272, 322.9832

1.3237

386.5893,
399.4639, 384.6758

■ 0.9706, 0.8919,
0.0811

■ 0.0000, 0.0000,
0.0000

■ 70.8261, 72.1822,
63.0229

■ 70.8261, 72.1822,
63.0229

■ 65.1120, 64.8098,
48.6137

■ 77.2393, 80.2509,
79.8268

■ 60.0647, 58.1040,
36.4838

■ 84.3706, 89.0250,
99.1243

■ 55.6577, 52.0470,
26.5151

■ 89.7454, 97.2654,
108.6518

■ 51.8603, 46.6166,
18.5768

■ 48.6389, 41.7890,
12.5239

■ 45.9559, 37.5380,
8.1917

■ 43.7677, 33.8351,
5.3865

■ 42.0173, 30.6453,
3.8442

■ 41.6915, 30.0376,
3.6004

Harmonies

Analogous

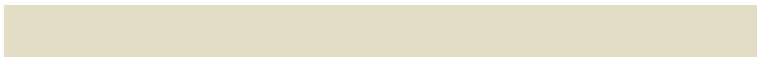
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5432, 72.1822, 67.7864



70.8261, 72.1822, 63.0229



67.5926, 72.1822, 62.2471

Triad

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



70.8261, 72.1822, 63.0229



62.6325, 72.1822, 81.5500



72.6450, 72.1822, 93.2296

Complementary

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



70.8261, 72.1822, 63.0229



64.3470, 69.3464, 92.4324

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.



69.6315, 72.1822, 97.5785



70.8261, 72.1822, 63.0229



63.8968, 72.1822, 90.4936

Square

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



70.8261, 72.1822, 63.0229



62.9295, 72.1822, 72.4724



66.4348, 72.1822, 96.5396



74.6161, 72.1822, 85.0513

Rectangle

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



70.8261, 72.1822, 63.0229



65.5887, 72.1822, 64.0289



66.4348, 72.1822, 96.5396



71.7166, 72.1822, 95.2160

Sweetspot

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



70.8280, 72.1854, 63.0244



90.9279, 94.9324, 97.7328



68.9068, 63.6605, 76.8191



19.3419, 20.1705, 20.5955



0.0000, 0.0000, 0.0000



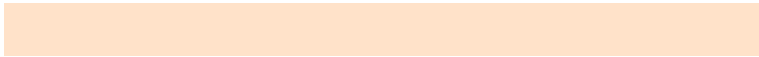
20.3446, 21.4041, 23.3091

Same Dimension

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



70.8280, 72.1854, 63.0244



79.1308, 80.0885, 66.8243



76.5448, 83.6189, 64.9300



16.3790, 16.9710, 16.5622



22.9528, 16.7036, 2.0144



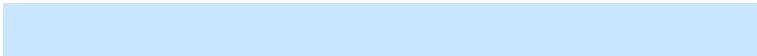
2.0081, 1.5868, 0.2005

Inverse Universe

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



64.3470, 69.3464, 92.4324



70.5796, 76.3422, 105.6233



59.2130, 59.0785, 90.7211



15.5973, 16.6287, 20.1092



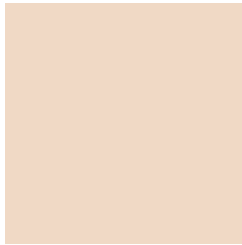
12.9948, 12.2139, 46.8005



1.1806, 1.2151, 3.9265

Previews

White Background



This preview shows how the XYZ color 70.8261, 72.1822, 63.0229 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 70.8261, 72.1822, 63.0229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

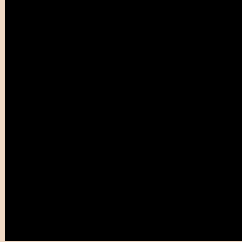
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

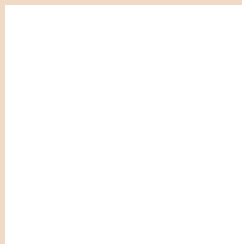
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8261, 72.1822, 63.0229

Background



This preview shows how black text looks on a background with the XYZ color 70.8261, 72.1822, 63.0229.

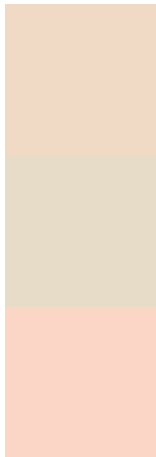


This preview shows how white text looks on a background with the XYZ color 70.8261, 72.1822,

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

70.8261, 72.1822, 63.0229

Protanopia

68.5351, 72.1329, 64.3437

Deuteranopia

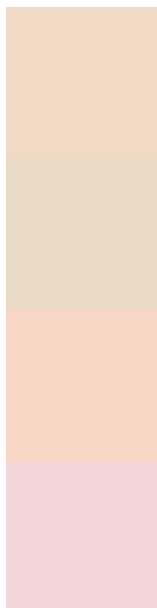
73.7710, 72.1749, 63.4691



Tritanopia

74.9946, 71.9772, 84.0691

Trichromacy



Original Color

70.8261, 72.1822, 63.0229

Protanomaly

69.4562, 72.2327, 63.7076

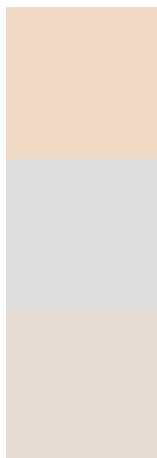
Deuteranomaly

72.5974, 71.9445, 63.4865

Tritanomaly

73.5331, 72.1576, 75.6978

Monochromacy



Original Color

70.8261, 72.1822, 63.0229

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.9165, 72.6485, 73.2884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8261, 72.1822, 63.0229 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(240, 217, 197) looks like.

```
.text, #text, p{  
    color:rgb(240, 217, 197)  
}
```

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(240, 217, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 217, 197) }
```

Border

The CSS property to change the border of an element to XYZ 70.8261, 72.1822, 63.0229 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(240, 217, 197) }
```


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

```
.border{ border-color:rgb(240, 217, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 217, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 217, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 217, 197);  
box-shadow:4px 4px 4px 4px rgb(240, 217,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8261, 72.1822, 63.0229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 217, 197) }
```

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

```
.background{ background-color: rgb(240,  
217, 197) }
```

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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