

Converting Colors

XYZ(70.6432, 70.7020, 64.5371)

Have a look what the booklet for
XYZ(70.6432, 70.7020, 64.5371)
contains.

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Color

**XYZ(70.4952, 70.4594,
64.5281)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D5C8
RGB	241, 213, 200
RGB Percent	95%, 84%, 78%
CMY	0.0549, 0.1647, 0.2157
CMYK	0.00, 0.12, 0.17, 0.05
HSL	19°, 59%, 86%
HSV	19°, 17%, 95%
XYZ	70.4952, 70.4594, 64.5281
YIQ	219.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

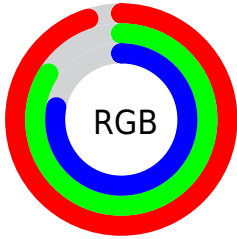
Format	Color
R _Y B	241, 219, 200
Decimal	15848904
CIE Lab	87.22, 7.67, 9.97
CIE LCh	87, 12.586, 52.425
Yxy	70.4594, 0.3431, 0.3429
Android (android.graphics.Color)	4294038984 (0xFFFF1D5C8)
YUV	219.8900, -9.8058, 18.5135
Hunter-Lab	83.9401, 3.0140, 13.1795

Details

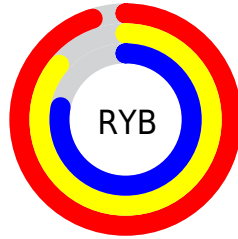
The XYZ color **70.4952, 70.4594, 64.5281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.4396, 74.1153, 93.9709**, and the grayscale version is **68.0084, 71.5502, 77.9181**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4228, 36.8433, 32.3332** is the 20% darker color. If you saturate the color by 10%, you get **63.9668, 61.5600, 49.5341**, and if you desaturate by 10%, it is **77.8915, 80.3828, 82.0034**.

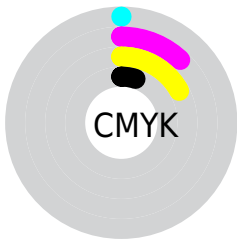
Distribution



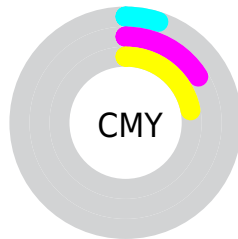
- Red (95%)
- Green (84%)
- Blue (78%)



- Red (95%)
- Yellow (86%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (5%)





- Cyan (5%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4952, 70.4594, 64.5281 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 70.4952, 70.4594, 64.5281 by changing the saturation by 10% instead.


 70.4952, 70.4594,
64.5281

 70.4952, 70.4594,
64.5281


451.5262,
462.1614, 459.3539

 52.2114, 51.9011,
46.6296


118.9371,
119.8637, 112.9779

 37.3986, 36.9263,
32.3907

149.8259,
151.4785, 144.3663

 25.6913, 25.1504,
21.3928


185.6471,
188.2142, 181.0885

 16.7243, 16.1892,
13.2174

226.7660,
230.4553, 223.5629

 10.1322, 9.6581,
7.4459

273.5480,
278.5862, 272.2081

 5.5496, 5.1729,
3.6599

326.3585,

 2.6113, 2.3490,

332.9913, 327.4426

1.4407

385.5628,
394.0549, 389.6851

■ 0.9517, 0.7995,
0.1731

■ 0.0000, 0.0000,
0.0000

■ 70.4952, 70.4594,
64.5281

■ 70.4952, 70.4594,
64.5281

■ 63.9668, 61.5600,
49.5341

■ 77.8915, 80.3828,
82.0034

■ 58.2674, 53.6419,
36.9035

■ 86.1812, 91.3522,
102.0616

■ 53.3633, 46.6731,
26.5154

■ 90.0859, 97.4409,
108.6677

■ 49.2164, 40.6165,
18.2365

■ 45.7851, 35.4319,
11.9191

■ 43.0230, 31.0763,
7.3958

■ 40.8775, 27.5021,
4.4712

■ 39.2845, 24.6550,
2.8952

■ 38.8909, 23.9309,
2.5693

Harmonies

Analogous

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



72.3614, 70.4594, 70.6753



70.4952, 70.4594, 64.5281



67.7215, 70.4594, 61.6889

Triad

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



70.4952, 70.4594, 64.5281



61.4925, 70.4594, 74.5928



69.1610, 70.4594, 92.7684

Complementary

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



70.4952, 70.4594, 64.5281



67.4396, 74.1153, 93.9709

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.



66.2232, 70.4594, 94.0097



70.4952, 70.4594, 64.5281



61.8524, 70.4594, 83.0963

Square

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



70.4952, 70.4594, 64.5281



62.5656, 70.4594, 67.2151



63.5634, 70.4594, 90.3545



71.5755, 70.4594, 87.0775

Rectangle

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



70.4952, 70.4594, 64.5281



65.7542, 70.4594, 61.8960



63.5634, 70.4594, 90.3545



68.1998, 70.4594, 93.7361

Sweetspot

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



70.4971, 70.4626, 64.5296



90.3499, 93.7764, 97.5401



70.9366, 65.6126, 82.3374



19.2017, 19.8900, 20.5487



0.0000, 0.0000, 0.0000



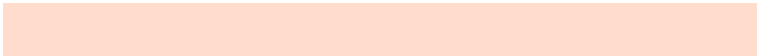
20.3446, 21.4041, 23.3091

Same Dimension

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



70.4971, 70.4626, 64.5296



77.7786, 76.8987, 67.8703



75.9776, 81.4235, 66.3564



16.1820, 16.5771, 16.4965



21.1964, 13.1909, 1.4289



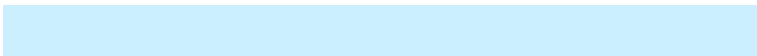
1.8495, 1.2696, 0.1476

Inverse Universe

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



67.4396, 74.1153, 93.9709



73.7667, 81.6871, 106.4870



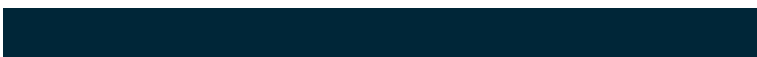
62.1357, 63.5076, 92.2030



15.8000, 17.0341, 20.1768



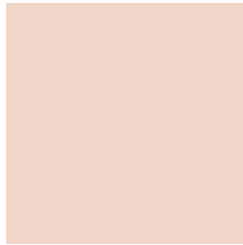
15.9897, 18.2037, 47.7988



1.4192, 1.6924, 4.0061

Previews

White Background



This preview shows how the XYZ color 70.4952, 70.4594, 64.5281 looks on a white background.

Color Contrast Check

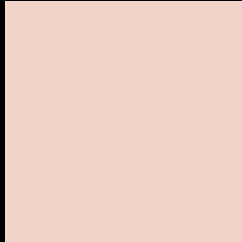
Large Text (above 18pt) WCAG AA × Fail

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 70.4952, 70.4594, 64.5281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

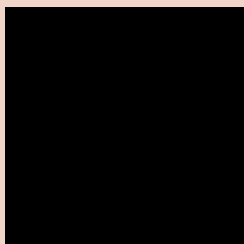
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

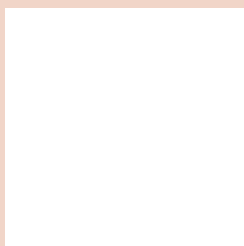
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4952, 70.4594, 64.5281

Background



This preview shows how black text looks on a background with the XYZ color 70.4952, 70.4594, 64.5281.

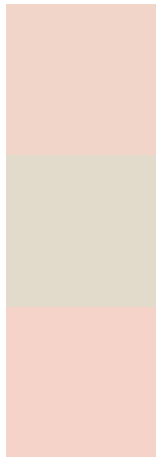


This preview shows how white text looks on a background with the XYZ color 70.4952, 70.4594,

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

70.4952, 70.4594, 64.5281

Protanopia

67.2149, 70.6234, 66.5890

Deuteranopia

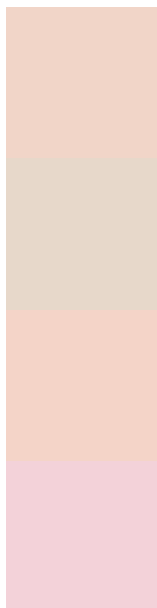
71.7256, 70.3515, 64.4424



Tritanopia

73.8362, 70.3250, 81.6340

Trichromacy



Original Color

70.4952, 70.4594, 64.5281

Protanomaly

68.1715, 70.3649, 65.8659

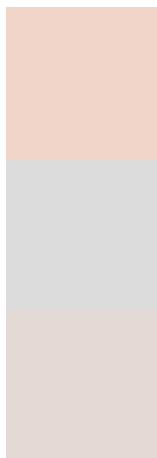
Deuteranomaly

71.2770, 70.4902, 64.4928

Tritanomaly

72.5331, 70.1576, 75.3645

Monochromacy



Original Color

70.4952, 70.4594, 64.5281

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.8180, 70.9238, 73.0134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4952, 70.4594, 64.5281 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(241, 213, 200)` looks like.

```
.text, #text, p{  
    color:rgb(241, 213, 200)  
}
```

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(241, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 213, 200) }
```

Border

The CSS property to change the border of an element to XYZ 70.4952, 70.4594, 64.5281 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(241, 213, 200) }
```


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

```
.border{ border-color:rgb(241, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(241, 213,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4952, 70.4594, 64.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 213, 200) }
```

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

```
.background{ background-color: rgb(241,  
213, 200) }
```

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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