

Converting Colors

XYZ(71.4960, 70.4652, 64.4402)

Have a look what the booklet for
XYZ(71.4960, 70.4652, 64.4402)
contains.

| | |
|--|----|
| XYZ(71.6250, 70.6696, 64.5091) | 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(71.6250, 70.6696,
64.5091)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F5D4C8 |
| RGB | 245, 212, 200 |
| RGB Percent | 96%, 83%, 78% |
| CMY | 0.0392, 0.1686, 0.2157 |
| CMYK | 0.00, 0.13, 0.18, 0.04 |
| HSL | 16°, 69%, 87% |
| HSV | 16°, 18%, 96% |
| XYZ | 71.6250, 70.6696, 64.5091 |
| YIQ | 220.4990, 23.5200, 3.2640 |

Conversions

Conversions Part 2

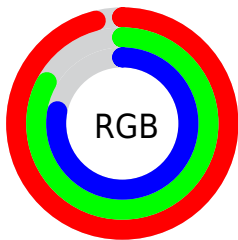
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 245, 216, 200 |
| Decimal | 16110792 |
| CIE Lab | 87.32, 9.64, 10.17 |
| CIE LCh | 87, 14.010, 46.534 |
| Yxy | 70.6696, 0.3463, 0.3417 |
| Android (android.graphics.Color) | 4294300872 (0xFFF5D4C8) |
| YUV | 220.4990, -10.1060, 21.4874 |
| Hunter-Lab | 84.0652, 4.9709, 13.3483 |

Details

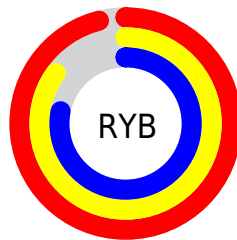
The XYZ color **71.6250, 70.6696, 64.5091** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4392, 77.1478, 97.6179**, and the grayscale version is **68.4347, 71.9987, 78.4066**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9843, 36.8806, 32.3108** is the 20% darker color. If you saturate the color by 10%, you get **64.7448, 61.1297, 49.2029**, and if you desaturate by 10%, it is **79.4676, 81.3987, 82.4013**.

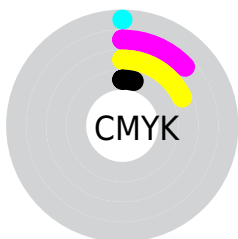
Distribution



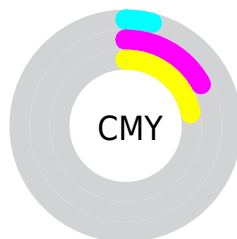
- Red (96%)
- Green (83%)
- Blue (78%)



- Red (96%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6250, 70.6696, 64.5091 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 71.6250, 70.6696, 64.5091 by changing the saturation by 10% instead.


 71.6250, 70.6696,
64.5091

 71.6250, 70.6696,
64.5091


455.4132,
462.8976, 459.2836

 53.1368, 52.0726,
46.6143


120.5369,
120.1632, 112.9503

 38.1399, 37.0630,
32.3787

151.6913,
151.8285, 144.3338

 26.2690, 25.2562,
21.3837


187.7985,
188.6188, 181.0507

 17.1587, 16.2681,
13.2108

229.2238,
230.9184, 223.5194

 10.4437, 9.7140,
7.4414

276.3325,
279.1116, 272.1585

 5.7586, 5.2098,
3.6571

329.4901,

 2.7381, 2.3709,

333.5830, 327.3865

1.4392

389.0619,
394.7169, 389.6221

■ 1.0168, 0.8108,
0.1720

■ 0.0000, 0.0000,
0.0000

■ 71.6250, 70.6696,
64.5091

■ 71.6250, 70.6696,
64.5091

■ 64.7448, 61.1297,
49.2029

■ 79.4676, 81.3987,
82.4013

■ 58.7830, 52.7282,
36.3581

■ 88.3028, 93.3467,
102.9875

■ 53.7010, 45.4244,
25.8461

■ 91.4664, 98.1526,
108.7323

■ 49.4547, 39.1718,
17.5251

■ 45.9961, 33.9202,
11.2373

■ 43.2717, 29.6149,
6.8039

■ 41.2204, 26.1956,
4.0140

■ 39.7632, 23.5911,
2.5727

■ 39.5674, 23.2346,
2.3993

Harmonies

Analogous

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



73.4311, 70.6696, 71.8956



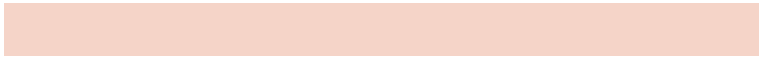
71.6250, 70.6696, 64.5091



68.6563, 70.6696, 60.6082

Triad

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



71.6250, 70.6696, 64.5091



61.1914, 70.6696, 72.7967



68.9895, 70.6696, 95.6955

Complementary

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



71.6250, 70.6696, 64.5091



69.4392, 77.1478, 97.6179

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.



65.7040, 70.6696, 95.9867



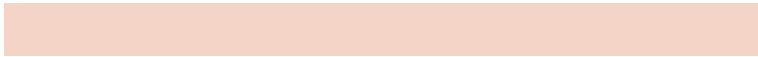
71.6250, 70.6696, 64.5091



61.2740, 70.6696, 82.2300

Square

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



71.6250, 70.6696, 64.5091



62.6730, 70.6696, 65.1221



62.9024, 70.6696, 90.8893



71.8758, 70.6696, 90.1235

Rectangle

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



71.6250, 70.6696, 64.5091



66.4506, 70.6696, 60.2837



62.9024, 70.6696, 90.8893



67.8932, 70.6696, 96.4290

Sweetspot

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



71.6269, 70.6728, 64.5106



89.2086, 92.1035, 95.2806



73.0192, 66.6051, 86.0990



18.9634, 19.5363, 20.0906



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.



71.6269, 70.6728, 64.5106



75.5498, 73.4042, 64.1585



77.6475, 82.7140, 66.5175



16.8587, 17.2015, 17.2292



21.4123, 12.7101, 1.3247



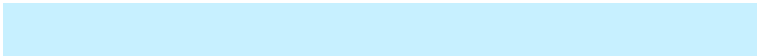
1.9630, 1.2793, 0.1435

Inverse Universe

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



69.4392, 77.1478, 97.6179



72.7468, 81.6887, 106.5411



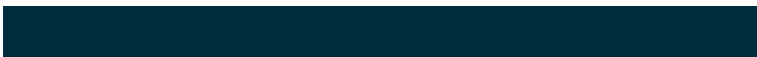
63.4719, 65.2133, 95.6288



16.6009, 17.9661, 21.1354



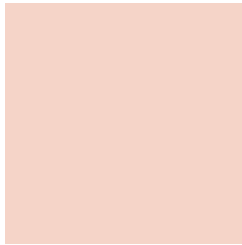
17.7523, 21.2983, 49.7134



1.6444, 2.0402, 4.3974

Previews

White Background



This preview shows how the XYZ color 71.6250, 70.6696, 64.5091 looks on a white background.

Color Contrast Check

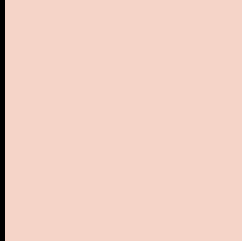
Large Text (above 18pt) WCAG AA × Fail

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 71.6250, 70.6696, 64.5091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

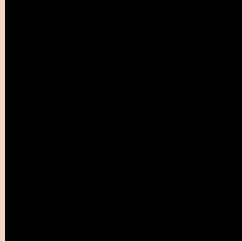
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6250, 70.6696, 64.5091

Background



This preview shows how black text looks on a background with the XYZ color 71.6250, 70.6696, 64.5091.

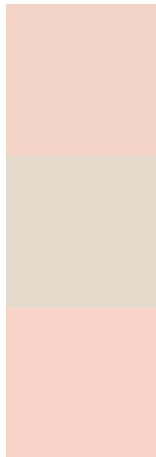


This preview shows how white text looks on a background with the XYZ color 71.6250, 70.6696,

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

71.6250, 70.6696, 64.5091

Protanopia

67.5294, 70.7855, 66.6037

Deuteranopia

72.0774, 70.5328, 64.4589



Tritanopia

74.8579, 70.5045, 80.8974

Trichromacy



Original Color

71.6250, 70.6696, 64.5091

Protanomaly

69.1482, 70.8684, 65.9116

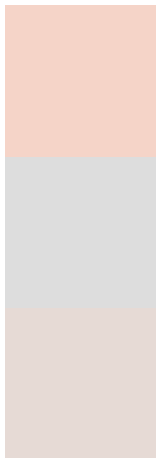
Deuteranomaly

71.7256, 70.3515, 64.4424

Tritanomaly

73.5529, 70.3330, 74.6647

Monochromacy



Original Color

71.6250, 70.6696, 64.5091

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.7148, 71.7699, 73.1294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6250, 70.6696, 64.5091 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(245, 212, 200)` looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 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(245, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 200) }
```

Border

The CSS property to change the border of an element to XYZ 71.6250, 70.6696, 64.5091 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(245, 212, 200) }
```


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

```
.border{ border-color:rgb(245, 212, 200) }
```

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

Here you see how a box with a 4 pixel rgb(245, 212, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(245, 212,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6250, 70.6696, 64.5091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 212, 200) }
```

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

```
.background{ background-color: rgb(245,  
212, 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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