

Converting Colors

XYZ(107.6018, 90.0440,
65.4314)

Have a look what the booklet for
XYZ(107.6018, 90.0440, 65.4314)
contains.

XYZ(75.4796, 73.4304, 63.6214)	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(75.4796, 73.4304,
63.6214)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6C6
RGB	255, 214, 198
RGB Percent	100%, 84%, 78%
CMY	0.0000, 0.1608, 0.2235
CMYK	0.00, 0.16, 0.22, 0.00
HSL	17°, 100%, 89%
HSV	17°, 22%, 100%
XYZ	75.4796, 73.4304, 63.6214
YIQ	224.4350, 29.5720, 3.7160

Conversions

Conversions Part 2

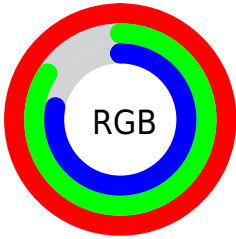
Format	Color
R _Y B	255, 220, 198
Decimal	16766662
CIE Lab	88.65, 11.93, 13.23
CIE LCh	89, 17.818, 47.958
Yxy	73.4304, 0.3551, 0.3455
Android (android.graphics.Color)	4294956742 (0xFFFFD6C6)
YUV	224.4350, -13.0325, 26.8055
Hunter-Lab	85.6915, 7.2678, 15.9644

Details

The XYZ color **75.4796, 73.4304, 63.6214** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2043, 80.9562, 106.4283**, and the grayscale version is **71.2399, 74.9499, 81.6205**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7209, 38.8157, 31.7315** is the 20% darker color. If you saturate the color by 10%, you get **68.3995, 63.5875, 47.9514**, and if you desaturate by 10%, it is **83.5812, 84.5231, 82.0766**.

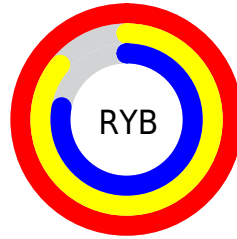
Distribution



Red (100%)

Green (84%)

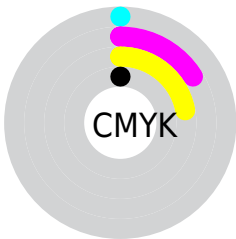
Blue (78%)



Red (100%)

Yellow (86%)

Blue (78%)

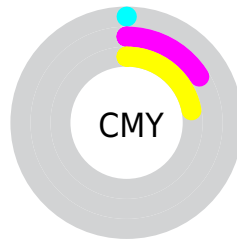


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4796, 73.4304, 63.6214 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 75.4796, 73.4304, 63.6214 by changing the saturation by 10% instead.


 75.4796, 73.4304,
63.6214

 75.4796, 73.4304,
63.6214

468.5362,
472.5052, 455.9910

 56.3014, 54.3280,
45.8999


125.9753,
124.0880, 111.6597

 40.6826, 38.8639,
31.8187


158.0236,
156.4120, 142.8136

 28.2577, 26.6539,
20.9594

195.0926,
193.9120, 179.2820

 18.6615, 17.3135,
12.9034

237.5477,
236.9723, 221.4835

 11.5285, 10.4582,
7.2321

285.7542,
285.9774, 269.8366

 6.4934, 5.7038,
3.5270

340.0776,

 3.1908, 2.6658,

341.3116, 324.7599

1.3696

400.8832,
403.3594, 386.6719

■ 1.2555, 0.9599,
0.1179

■ 0.1495, 0.0000,
0.0000

■ 75.4796, 73.4304,
63.6214

■ 75.4796, 73.4304,
63.6214

■ 68.3995, 63.5875,
47.9514

■ 83.5812, 84.5231,
82.0766

■ 62.2934, 54.9402,
34.9258

■ 92.7383, 96.8980,
103.4393

■ 57.1180, 47.4446,
24.3982

95.0500, 100.0000,
108.9000

■ 52.8243, 41.0505,
16.2061

■ 49.3587, 35.7033,
10.1677

■ 46.6607, 31.3436,
6.0734

■ 44.6600, 27.9051,
3.6712

■ 43.5317, 25.8435,
2.6939

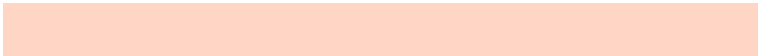
Harmonies

Analogous

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



77.9601, 73.4304, 72.8705



75.4796, 73.4304, 63.6214



71.5330, 73.4304, 58.9539

Triad

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



75.4796, 73.4304, 63.6214



62.0135, 73.4304, 75.1129



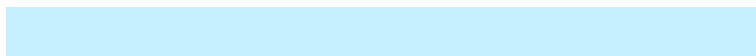
72.3745, 73.4304, 104.6678

Complementary

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



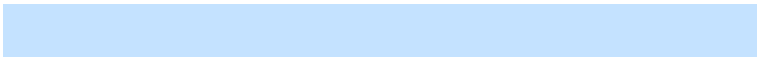
75.4796, 73.4304, 63.6214



72.2043, 80.9562, 106.4283

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.



68.0822, 73.4304, 105.4268



75.4796, 73.4304, 63.6214



62.2179, 73.4304, 87.4807

Square

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



75.4796, 73.4304, 63.6214



63.8298, 73.4304, 65.1174



64.4002, 73.4304, 98.8650



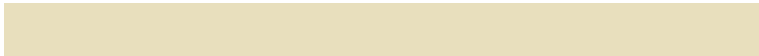
76.1173, 73.4304, 96.8869

Rectangle

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



75.4796, 73.4304, 63.6214



68.6546, 73.4304, 58.7150



64.4002, 73.4304, 98.8650



70.9447, 73.4304, 105.7796

Sweetspot

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



75.4814, 73.4337, 63.6229



88.3484, 90.9840, 93.1409



77.1330, 67.9284, 91.3289



18.7918, 19.3144, 19.6599



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.



75.4814, 73.4337, 63.6229



72.0658, 68.7054, 56.0012



83.0963, 88.6633, 66.1612



18.4246, 18.8173, 18.8054



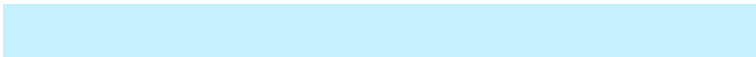
22.8541, 13.7195, 1.4436



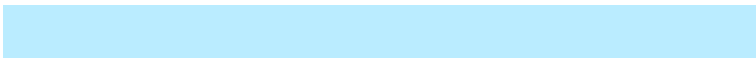
2.3128, 1.5110, 0.1698

Inverse Universe

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



72.2043, 80.9562, 106.4283



68.2359, 77.4775, 105.9660



64.7083, 65.9644, 103.9296



18.0985, 19.5685, 23.0732



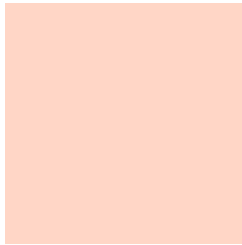
18.4553, 21.8202, 52.6736



1.8894, 2.3096, 5.1595

Previews

White Background



This preview shows how the XYZ color 75.4796, 73.4304, 63.6214 looks on a white background.

Color Contrast Check

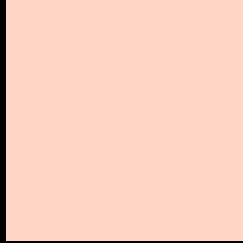
Large Text (above 18pt) WCAG AA × Fail

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 75.4796, 73.4304, 63.6214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

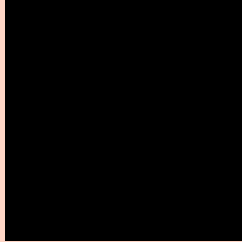
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4796, 73.4304, 63.6214

Background



This preview shows how black text looks on a background with the XYZ color 75.4796, 73.4304, 63.6214.



This preview shows how white text looks on a background with the XYZ color 75.4796, 73.4304,

63.6214.

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

75.4796, 73.4304, 63.6214

Protanopia

70.0607, 73.6626, 66.4028

Deuteranopia

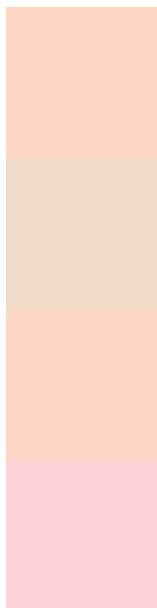
75.0015, 73.5607, 63.6717



Tritanopia

78.2617, 73.3395, 81.9826

Trichromacy



Original Color

75.4796, 73.4304, 63.6214

Protanomaly

71.8093, 73.4053, 65.6422

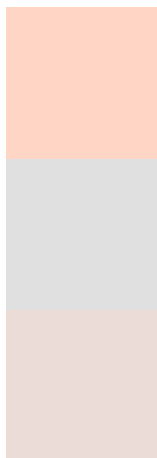
Deuteranomaly

75.3665, 73.7489, 63.6888

Tritanomaly

77.1782, 73.3048, 75.0473

Monochromacy



Original Color

75.4796, 73.4304, 63.6214

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.1199, 73.7549, 74.7250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4796, 73.4304, 63.6214 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(255, 214, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 198)  
}
```

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(255, 214, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 198) }
```

Border

The CSS property to change the border of an element to XYZ 75.4796, 73.4304, 63.6214 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(255, 214, 198) }
```


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

```
.border{ border-color:rgb(255, 214, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4796, 73.4304, 63.6214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 198) }
```

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

```
.background{ background-color: rgb(255,  
214, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor