

Converting Colors

XYZ(73.7948, 68.2965, 68.5704)

Have a look what the booklet for
XYZ(73.7948, 68.2965, 68.5704)
contains.

XYZ(73.8584, 68.4769, 68.3561)	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(73.8584, 68.4769,
68.3561)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBCF
RGB	255, 203, 207
RGB Percent	100%, 80%, 81%
CMY	0.0000, 0.2039, 0.1882
CMYK	0.00, 0.20, 0.19, 0.00
HSL	355°, 100%, 90%
HSV	355°, 20%, 100%
XYZ	73.8584, 68.4769, 68.3561
YIQ	219.0040, 29.7080, 12.2680

Conversions

Conversions Part 2

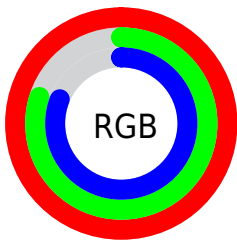
Format	Color
R_{YB}	255, 203, 207
Decimal	16763855
CIE _{Lab}	86.24, 18.97, 5.03
CIE _{LCh}	86, 19.629, 14.852
Yxy	68.4769, 0.3506, 0.3250
Android (android.graphics.Color)	4294953935 (0xFFFFCBCF)
YUV	219.0040, -5.9180, 31.5685
Hunter-Lab	82.7508, 14.5046, 8.9492

Details

The XYZ color **73.8584, 68.4769, 68.3561** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.8037, 91.1827, 104.7701**, and the grayscale version is **67.3616, 70.8696, 77.1770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7859, 35.8006, 34.9502** is the 20% darker color. If you saturate the color by 10%, you get **65.6576, 56.3428, 52.4664**, and if you desaturate by 10%, it is **83.4821, 82.7695, 86.8388**.

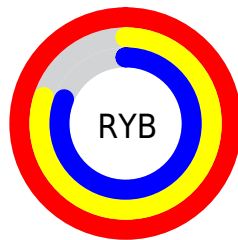
Distribution



Red (100%)

Green (80%)

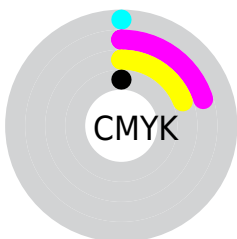
Blue (81%)



Red (100%)

Yellow (80%)

Blue (81%)

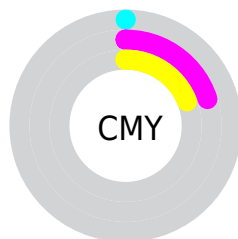


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8584, 68.4769, 68.3561 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 73.8584, 68.4769, 68.3561 by changing the saturation by 10% instead.


 73.8584, 68.4769,
68.3561

 73.8584, 68.4769,
68.3561


463.0424,
455.1838, 473.3889

 54.9690, 50.2858,
49.7190


123.6916,
117.0341, 118.5205

 39.6107, 35.6405,
34.8206


155.3662,
148.1690, 150.8848

 27.4180, 24.1567,
23.2422


192.0332,
184.3874, 188.6619

 18.0256, 15.4499,
14.5655

234.0580,
226.0735, 232.2704

 11.0682, 9.1358,
8.3718

281.8060,
273.6118, 282.1289

 6.1803, 4.8298,
4.2426

335.6425,

 2.9967, 2.1478,

327.3867, 338.6557

1.7594

395.9328,
387.7826, 402.2696

■ 1.1520, 0.6913,
0.4009

■ 0.0680, 0.0000,
0.0000

■ 73.8584, 68.4769,
68.3561

■ 73.8584, 68.4769,
68.3561

■ 65.6576, 56.3428,
52.4664

■ 83.4821, 82.7695,
86.8388

■ 58.8074, 46.2538,
39.0495

94.5864, 99.3087,
108.0186

■ 53.2367, 38.0999,
27.9824

95.0500, 100.0000,
108.9000

■ 48.8659, 31.7572,
19.1296

■ 45.6063, 27.0874,
12.3417

■ 43.3571, 23.9322,
7.4511

■ 41.9990, 22.1031,
4.2637

■ 41.3627, 21.3091,
2.5760

Harmonies

Analogous

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



73.8457, 68.4769, 81.2593



73.8584, 68.4769, 68.3561



71.4473, 68.4769, 58.3371

Triad

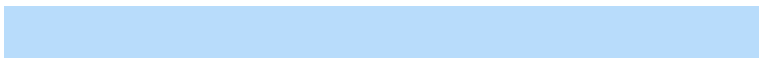
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8584, 68.4769, 68.3561



59.1424, 68.4769, 58.2599



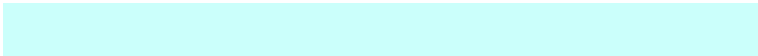
62.8390, 68.4769, 101.2773

Complementary

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



73.8584, 68.4769, 68.3561



77.8037, 91.1827, 104.7701

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.



59.1126, 68.4769, 93.5413



73.8584, 68.4769, 68.3561



57.0465, 68.4769, 68.2388

Square

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



73.8584, 68.4769, 68.3561



62.8815, 68.4769, 52.9835



57.0359, 68.4769, 81.1277



67.3399, 68.4769, 101.3181

Rectangle

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



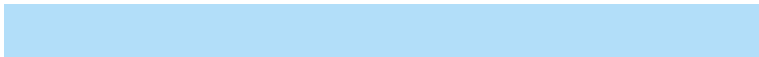
73.8584, 68.4769, 68.3561



68.8513, 68.4769, 54.2102



57.0359, 68.4769, 81.1277



61.4590, 68.4769, 99.4542

Sweetspot

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



73.8601, 68.4799, 68.3575



88.1705, 89.7471, 95.7976



79.0713, 70.3823, 104.0254



18.7189, 18.9814, 20.2122



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

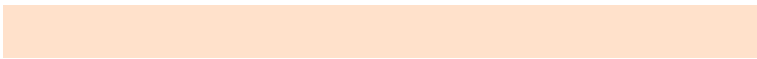
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8601, 68.4799, 68.3575



70.7384, 63.8551, 62.3274



78.8564, 79.2445, 67.6434



18.0660, 18.0097, 18.9647



21.6329, 11.1424, 1.4512



2.1250, 1.0924, 0.2395

Inverse Universe

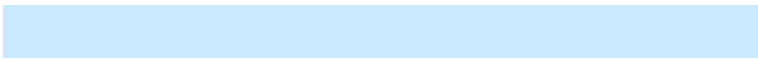
The Inverse Universe completely reimagines the original color for something new.



73.8601, 68.4799, 68.3575



70.7384, 63.8551, 62.3274



71.9144, 78.3856, 105.9474



18.0660, 18.0097, 18.9647



21.6329, 11.1424, 1.4512



2.1250, 1.0924, 0.2395

Previews

White Background



This preview shows how the XYZ color 73.8584, 68.4769, 68.3561 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 73.8584, 68.4769, 68.3561 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 73.8584, 68.4769, 68.3561

Background



This preview shows how black text looks on a background with the XYZ color 73.8584, 68.4769, 68.3561.



This preview shows how white text looks on a background with the XYZ color 73.8584, 68.4769,

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

73.8584, 68.4769, 68.3561

Protanopia

65.9532, 68.6716, 73.3972

Deuteranopia

70.2167, 68.7579, 67.9633



Tritanopia

74.8849, 68.5108, 74.9227

Trichromacy



Original Color

73.8584, 68.4769, 68.3561

Protanomaly

68.6564, 68.6153, 71.2535

Deuteranomaly

71.4594, 68.6747, 67.8817

Tritanomaly

74.3708, 68.3052, 72.2152

Monochromacy



Original Color

73.8584, 68.4769, 68.3561

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.3387, 69.6506, 74.0793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8584, 68.4769, 68.3561 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, 203, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 207)  
}
```

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, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 207) }
```

Border

The CSS property to change the border of an element to XYZ 73.8584, 68.4769, 68.3561 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, 203, 207) }
```


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

```
.border{ border-color:rgb(255, 203, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8584, 68.4769, 68.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 207) }
```

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

```
.background{ background-color: rgb(255,  
203, 207) }
```

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