

Converting Colors

XYZ(73.5244, 68.2055, 67.0220)

Have a look what the booklet for
XYZ(73.5244, 68.2055, 67.0220)
contains.

XYZ(73.6154, 68.3796, 67.0762)	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(73.6154, 68.3796,
67.0762)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBCD
RGB	255, 203, 205
RGB Percent	100%, 80%, 80%
CMY	0.0000, 0.2039, 0.1961
CMYK	0.00, 0.20, 0.20, 0.00
HSL	358°, 100%, 90%
HSV	358°, 20%, 100%
XYZ	73.6154, 68.3796, 67.0762
YIQ	218.7760, 30.3500, 11.6460

Conversions

Conversions Part 2

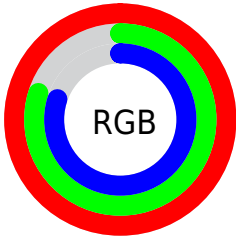
Format	Color
R _Y B	255, 203, 205
Decimal	16763853
CIE Lab	86.20, 18.68, 6.02
CIE LCh	86, 19.625, 17.874
Yxy	68.3796, 0.3521, 0.3271
Android (android.graphics.Color)	4294953933 (0xFFFFCBCD)
YUV	218.7760, -6.7916, 31.7684
Hunter-Lab	82.6920, 14.1963, 9.7908

Details

The XYZ color **73.6154, 68.3796, 67.0762** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1206, 91.3095, 106.4395**, and the grayscale version is **67.2089, 70.7090, 77.0021**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6221, 35.7350, 34.0874** is the 20% darker color. If you saturate the color by 10%, you get **65.3495, 56.2194, 50.8440**, and if you desaturate by 10%, it is **83.3388, 82.7120, 86.0846**.

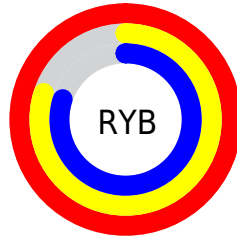
Distribution



Red (100%)

Green (80%)

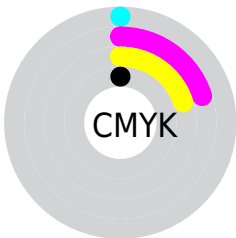
Blue (80%)



Red (100%)

Yellow (80%)

Blue (80%)

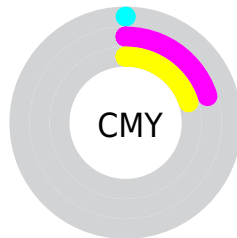


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6154, 68.3796, 67.0762 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 73.6154, 68.3796, 67.0762 by changing the saturation by 10% instead.


 73.6154, 68.3796,
67.0762

 73.6154, 68.3796,
67.0762


462.2158,
454.8398, 468.7248

 54.7695, 50.2066,
48.6846


123.3489,
116.8950, 116.6713

 39.4503, 35.5776,
34.0055

154.9672,
148.0063, 148.7118

 27.2925, 24.1081,
22.6204


191.5736,
184.1990, 186.1390

 17.9308, 15.4139,
14.1108

233.5336,
225.8577, 229.3715

 10.9997, 9.1104,
8.0582

281.2124,
273.3668, 278.8278

 6.1339, 4.8132,
4.0439

334.9755,

 2.9681, 2.1381,

327.1105, 334.9264

1.6494

395.1882,
387.4734, 398.0859

■ 1.1369, 0.6859,
0.3257

■ 0.0557, 0.0000,
0.0000

■ 73.6154, 68.3796,
67.0762

■ 73.6154, 68.3796,
67.0762

■ 65.3495, 56.2194,
50.8440

■ 83.3388, 82.7120,
86.0846

■ 58.4665, 46.1173,
37.2541

94.5802, 99.3060,
107.9861

■ 52.8922, 37.9620,
26.1681

95.0500, 100.0000,
108.9000

■ 48.5437, 31.6283,
17.4330

■ 45.3286, 26.9763,
10.8794

■ 43.1414, 23.8459,
6.3150

■ 41.8566, 22.0461,
3.5140

■ 41.2936, 21.2814,
2.2123

Harmonies

Analogous

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



73.8607, 68.3796, 79.8026



73.6154, 68.3796, 67.0762



70.9951, 68.3796, 57.4850

Triad

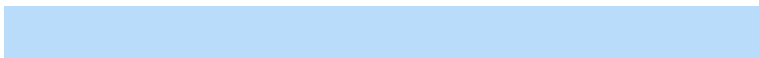
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6154, 68.3796, 67.0762



58.7608, 68.3796, 58.9827



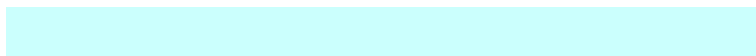
63.1851, 68.3796, 101.5207

Complementary

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



73.6154, 68.3796, 67.0762



78.1206, 91.3095, 106.4395

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.



59.3386, 68.3796, 94.4708



73.6154, 68.3796, 67.0762



56.8647, 68.3796, 69.3494

Square

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



73.6154, 68.3796, 67.0762



62.3629, 68.3796, 53.1983



57.0712, 68.3796, 82.3534



67.6955, 68.3796, 100.7287

Rectangle

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



73.6154, 68.3796, 67.0762



68.3196, 68.3796, 53.7044



57.0712, 68.3796, 82.3534



61.7757, 68.3796, 99.9586

Sweetspot

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



73.6170, 68.3826, 67.0776



88.0827, 89.7120, 95.3356



79.6974, 70.7050, 104.0547



18.6982, 18.9732, 20.1035



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

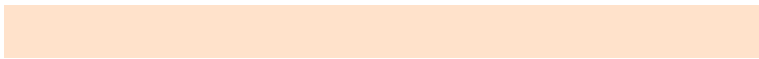
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6170, 68.3826, 67.0776



70.4680, 63.7469, 60.9036



79.3264, 80.1844, 67.7999



18.0376, 17.9984, 18.8153



21.5890, 11.1249, 1.2202



2.1115, 1.0870, 0.1688

Inverse Universe

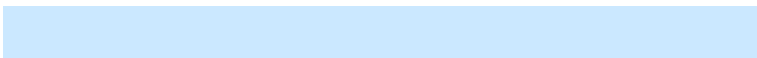
The Inverse Universe completely reimagines the original color for something new.



73.6170, 68.3826, 67.0776



70.4680, 63.7469, 60.9036



71.4251, 77.4072, 105.7843



18.0376, 17.9984, 18.8153



21.5890, 11.1249, 1.2202



2.1115, 1.0870, 0.1688

Previews

White Background



This preview shows how the XYZ color 73.6154, 68.3796, 67.0762 looks on a white background.

Color Contrast Check

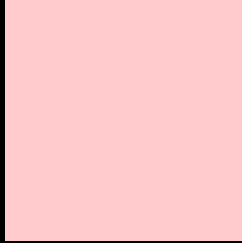
Large Text (above 18pt) WCAG AA × Fail

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 73.6154, 68.3796, 67.0762 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 73.6154, 68.3796, 67.0762

Background



This preview shows how black text looks on a background with the XYZ color 73.6154, 68.3796, 67.0762.



This preview shows how white text looks on a background with the XYZ color 73.6154, 68.3796,

67.0762.

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

73.6154, 68.3796, 67.0762

Protanopia

66.0029, 68.7265, 72.0742

Deuteranopia

69.9752, 68.6613, 66.6916



Tritanopia

74.8849, 68.5108, 74.9227

Trichromacy



Original Color

73.6154, 68.3796, 67.0762

Protanomaly

68.4072, 68.5156, 69.9410

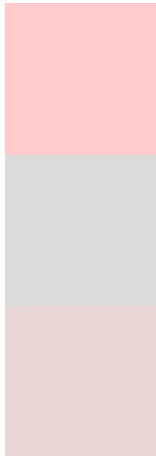
Deuteranomaly

71.2179, 68.5781, 66.6100

Tritanomaly

74.3708, 68.3052, 72.2152

Monochromacy



Original Color

73.6154, 68.3796, 67.0762

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.2106, 69.5993, 73.4046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6154, 68.3796, 67.0762 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 205) }
```

Border

The CSS property to change the border of an element to XYZ 73.6154, 68.3796, 67.0762 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, 205) }
```


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

```
.border{ border-color:rgb(255, 203, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6154, 68.3796, 67.0762 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
203, 205) }
```

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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