

Converting Colors

XYZ(73.8055, 68.6088, 65.9231)

Have a look what the booklet for
XYZ(73.8055, 68.6088, 65.9231)
contains.

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Color

**XYZ(73.3754, 68.2837,
65.8127)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFCBCB |
| RGB | 255, 203, 203 |
| RGB Percent | 100%, 80%, 80% |
| CMY | 0.0000, 0.2039, 0.2039 |
| CMYK | 0.00, 0.20, 0.20, 0.00 |
| HSL | 0°, 100%, 90% |
| HSV | 0°, 20%, 100% |
| XYZ | 73.3754, 68.2837, 65.8127 |
| YIQ | 218.5480, 30.9920, 11.0240 |

Conversions

Conversions Part 2

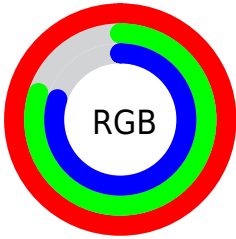
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 203, 203 |
| Decimal | 16763851 |
| CIE Lab | 86.15, 18.38, 7.02 |
| CIE LCh | 86, 19.677, 20.890 |
| Yxy | 68.2837, 0.3537, 0.3291 |
| Android (android.graphics.Color) | 4294953931 (0xFFFFCBCB) |
| YUV | 218.5480, -7.6652, 31.9684 |
| Hunter-Lab | 82.6340, 13.8909, 10.6230 |

Details

The XYZ color **73.3754, 68.2837, 65.8127** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.4375, 91.4336, 108.1221**, and the grayscale version is **67.0568, 70.5489, 76.8278**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4610, 35.6706, 33.2391** is the 20% darker color. If you saturate the color by 10%, you get **65.0487, 56.1000, 49.2575**, and if you desaturate by 10%, it is **83.1956, 82.6538, 85.3332**.

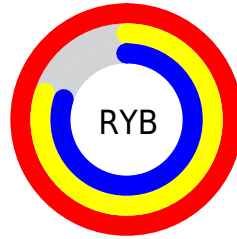
Distribution



Red (100%)

Green (80%)

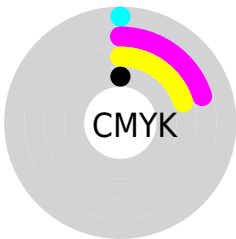
Blue (80%)



Red (100%)

Yellow (80%)

Blue (80%)

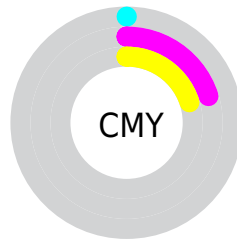


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3754, 68.2837, 65.8127 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 73.3754, 68.2837, 65.8127 by changing the saturation by 10% instead.


 73.3754, 68.2837,
65.8127

 73.3754, 68.2837,
65.8127


461.3985,
454.5005, 464.0926

 54.5724, 50.1286,
47.6649


123.0103,
116.7579, 114.8419

 39.2920, 35.5156,
33.2034


154.5729,
147.8458, 146.5603

 27.1687, 24.0603,
22.0100


191.1194,
184.0133, 183.6394

 17.8372, 15.3784,
13.6658

233.0152,
225.6450, 226.4976

 10.9322, 9.0854,
7.7525

280.6257,
273.1252, 275.5535

 6.0882, 4.7969,
3.8515

334.3162,

 2.9399, 2.1286,

326.8382, 331.2256

1.5442

394.4520,
387.1685, 393.9325

■ 1.1221, 0.6806,
0.2506

■ 0.0435, 0.0000,
0.0000

■ 73.3754, 68.2837,
65.8127

■ 73.3754, 68.2837,
65.8127

■ 65.0487, 56.1000,
49.2575

■ 83.1956, 82.6538,
85.3332

■ 58.1377, 45.9871,
35.5186

94.5719, 99.3005,
107.9496

■ 52.5650, 37.8327,
24.4407

95.0500, 100.0000,
108.9000

■ 48.2443, 31.5101,
15.8516

■ 45.0786, 26.8776,
9.5590

■ 42.9572, 23.7733,
5.3424

■ 41.7477, 22.0031,
2.9384

■ 41.2403, 21.2605,
1.9301

Harmonies

Analogous

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



73.8781, 68.2837, 78.3654



73.3754, 68.2837, 65.8127



70.5469, 68.2837, 56.6405

Triad

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



73.3754, 68.2837, 65.8127



58.3812, 68.2837, 59.7109



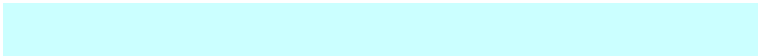
63.5336, 68.2837, 101.7700

Complementary

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



73.3754, 68.2837, 65.8127



78.4375, 91.4336, 108.1221

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.



59.5658, 68.2837, 95.4109



73.3754, 68.2837, 65.8127



56.6833, 68.2837, 70.4729

Square

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



73.3754, 68.2837, 65.8127



61.8481, 68.2837, 53.4125



57.1067, 68.2837, 83.5940



68.0540, 68.2837, 100.1469

Rectangle

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



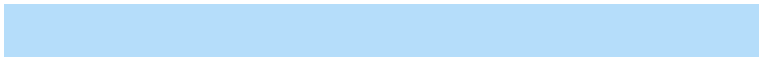
73.3754, 68.2837, 65.8127



67.7923, 68.2837, 53.2005



57.1067, 68.2837, 83.5940



62.0943, 68.2837, 100.4700

Sweetspot

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



73.3771, 68.2867, 65.8141



87.9959, 89.6780, 94.8763



80.6463, 71.1926, 104.0988



18.6778, 18.9651, 19.9955



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

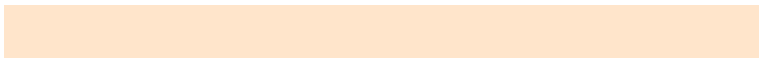
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3771, 68.2867, 65.8141



70.2037, 63.6432, 59.5055



80.0392, 81.6109, 68.0348



18.0096, 17.9874, 18.6670



21.5490, 11.1092, 1.0085



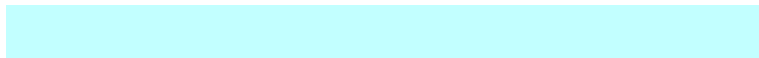
2.0982, 1.0818, 0.0982

Inverse Universe

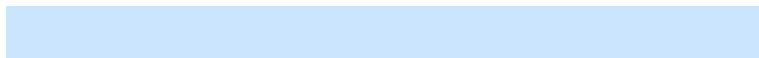
The Inverse Universe completely reimagines the original color for something new.



78.4375, 91.4336, 108.1221



76.0050, 90.1792, 108.0082



70.6985, 75.9558, 105.5425



18.5548, 20.4812, 23.2253



28.1130, 41.1355, 55.8928



2.7373, 4.0053, 5.4421

Previews

White Background



This preview shows how the XYZ color 73.3754, 68.2837, 65.8127 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 73.3754, 68.2837, 65.8127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

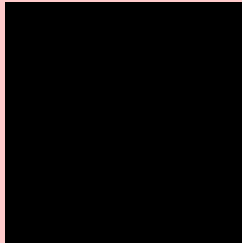
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3754, 68.2837, 65.8127

Background



This preview shows how black text looks on a background with the XYZ color 73.3754, 68.2837, 65.8127.



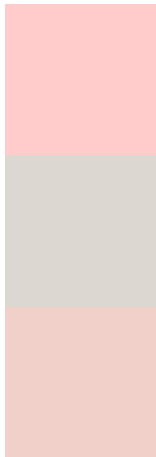
This preview shows how white text looks on a background with the XYZ color 73.3754, 68.2837,

65.8127.

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

73.3754, 68.2837, 65.8127

Protanopia

65.7521, 68.6262, 70.7534

Deuteranopia

69.8345, 68.2533, 65.3706



Tritanopia

74.7552, 68.4589, 74.2396

Trichromacy



Original Color

73.3754, 68.2837, 65.8127

Protanomaly

68.1610, 68.4172, 68.6448

Deuteranomaly

71.0897, 68.1810, 65.2905

Tritanomaly

74.1184, 68.2042, 70.8863

Monochromacy



Original Color

73.3754, 68.2837, 65.8127

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.0832, 69.5484, 72.7339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3754, 68.2837, 65.8127 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, 203)` looks like.

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

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, 203) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 73.3754, 68.2837, 65.8127 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, 203) }
```


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

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

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, 203)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 73.3754, 68.2837, 65.8127 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, 203) }
```

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

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

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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