

Converting Colors

XYZ(71.7523, 66.8835, 59.5801)

Have a look what the booklet for
XYZ(71.7523, 66.8835, 59.5801)
contains.

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Color

**XYZ(71.7523, 66.8835,
59.5801)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9C1
RGB	255, 201, 193
RGB Percent	100%, 79%, 76%
CMY	0.0000, 0.2117, 0.2431
CMYK	0.00, 0.21, 0.24, 0.00
HSL	8°, 100%, 88%
HSV	8°, 24%, 100%
XYZ	71.7523, 66.8835, 59.5801
YIQ	216.2340, 34.7520, 8.9600

Conversions

Conversions Part 2

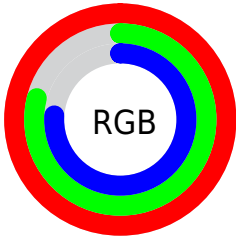
Format	Color
R _Y B	255, 202, 193
Decimal	16763329
CIE Lab	85.45, 18.01, 11.32
CIE LCh	85, 21.270, 32.156
Yxy	66.8835, 0.3620, 0.3374
Android (android.graphics.Color)	4294953409 (0xFFFFC9C1)
YUV	216.2340, -11.4544, 33.9978
Hunter-Lab	81.7823, 13.4891, 14.0537

Details

The XYZ color **71.7523, 66.8835, 59.5801** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3020, 85.0763, 107.1657**, and the grayscale version is **65.4901, 68.9007, 75.0329**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **38.1933, 34.6312, 29.4824** is the 20% darker color. If you saturate the color by 10%, you get **64.3412, 56.2281, 44.2647**, and if you desaturate by 10%, it is **80.4055, 79.2379, 77.7309**.

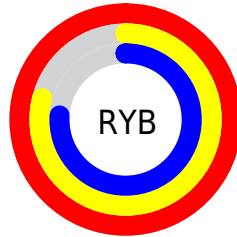
Distribution



Red (100%)

Green (79%)

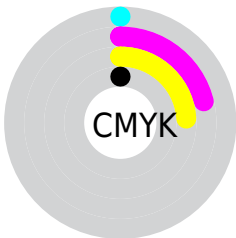
Blue (76%)



Red (100%)

Yellow (79%)

Blue (76%)

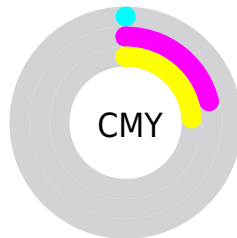


Cyan (0%)

Magenta (21%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7523, 66.8835, 59.5801 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 71.7523, 66.8835, 59.5801 by changing the saturation by 10% instead.


 71.7523, 66.8835,
59.5801

 71.7523, 66.8835,
59.5801


455.8500,
449.5300, 440.8099

 53.2411, 48.9900,
42.6572

 120.7170,
114.7535, 105.7577

 38.2235, 34.6115,
29.2868

151.9012,
145.4987, 135.8495

 26.3342, 23.3638,
19.0505


188.0405,
181.2966, 171.1680

 17.2078, 14.8623,
11.5296

229.5002,
222.5315, 212.1317

 10.4790, 8.7228,
6.3056

276.6456,
269.5879, 259.1592

 5.7824, 4.5608,
2.9600

329.8421,

 2.7526, 1.9920,

322.8502, 312.6691

1.0742

389.4552,
382.7028, 373.0798

■ 1.0243, 0.6028,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.7523, 66.8835,
59.5801

■ 71.7523, 66.8835,
59.5801

■ 64.3412, 56.2281,
44.2647

■ 80.4055, 79.2379,
77.7309

■ 58.1104, 47.1887,
31.6373

■ 90.3494, 93.3519,
98.8459

■ 52.9998, 39.6890,
21.5437

95.0500, 100.0000,
108.9000

■ 48.9419, 33.6425,
13.8120

■ 45.8622, 28.9544,
8.2491

■ 43.6757, 25.5185,
4.6312

■ 42.2823, 23.2123,
2.6854

■ 41.7817, 22.3435,
2.1106

Harmonies

Analogous

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



73.2988, 66.8835, 71.8298



71.7523, 66.8835, 59.5801



68.0028, 66.8835, 51.7684

Triad

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



71.7523, 66.8835, 59.5801



55.7158, 66.8835, 61.1073



63.9204, 66.8835, 102.7307

Complementary

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



71.7523, 66.8835, 59.5801



73.3020, 85.0763, 107.1657

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.



59.3356, 66.8835, 98.9332



71.7523, 66.8835, 59.5801



54.7439, 66.8835, 73.8288

Square

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



71.7523, 66.8835, 59.5801



58.7602, 66.8835, 52.5686



56.0361, 66.8835, 87.8998



68.6370, 66.8835, 97.7122

Rectangle

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



71.7523, 66.8835, 59.5801



64.8452, 66.8835, 49.5489



56.0361, 66.8835, 87.8998



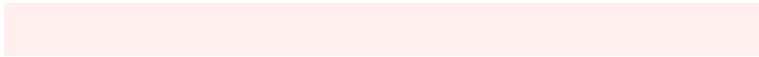
62.3131, 66.8835, 102.4419

Sweetspot

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



71.7539, 66.8865, 59.5815



87.5478, 89.3827, 92.8740



77.2174, 66.1634, 97.3184



18.6069, 18.9446, 19.5982



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.



71.7539, 66.8865, 59.5815



68.1288, 61.6846, 52.0585



79.5072, 82.3932, 62.1659



18.1984, 18.3649, 18.7300



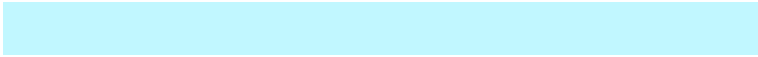
21.8899, 11.7910, 1.1222



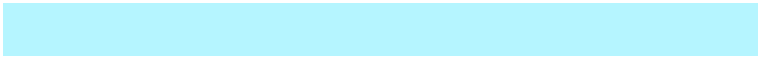
2.1875, 1.2603, 0.1280

Inverse Universe

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



73.3020, 85.0763, 107.1657



69.9072, 82.6286, 106.8722



64.7957, 68.0636, 104.3302



18.3430, 20.0576, 23.1547



23.1693, 31.2482, 54.2449



2.3093, 3.1493, 5.2994

Previews

White Background



This preview shows how the XYZ color 71.7523, 66.8835, 59.5801 looks on a white background.

Color Contrast Check

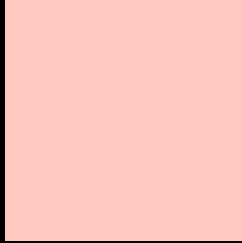
Large Text (above 18pt) WCAG AA × Fail

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 71.7523, 66.8835, 59.5801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

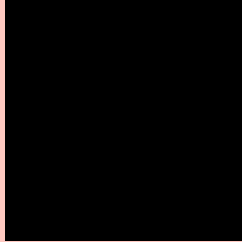
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7523, 66.8835, 59.5801

Background



This preview shows how black text looks on a background with the XYZ color 71.7523, 66.8835, 59.5801.



This preview shows how white text looks on a background with the XYZ color 71.7523, 66.8835,

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

71.7523, 66.8835, 59.5801

Protanopia

63.9218, 67.0842, 63.6123

Deuteranopia

68.2037, 66.8256, 59.1731



Tritanopia

73.6737, 66.9109, 71.9829

Trichromacy



Original Color

71.7523, 66.8835, 59.5801

Protanomaly

66.4828, 66.9558, 62.2431

Deuteranomaly

69.4651, 66.7657, 59.0950

Tritanomaly

73.0349, 67.0248, 67.4802

Monochromacy



Original Color

71.7523, 66.8835, 59.5801

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.3126, 67.9656, 69.2454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7523, 66.8835, 59.5801 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, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 193)  
}
```

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, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 193) }
```

Border

The CSS property to change the border of an element to XYZ 71.7523, 66.8835, 59.5801 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, 201, 193) }
```


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

```
.border{ border-color:rgb(255, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7523, 66.8835, 59.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 193) }
```

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

```
.background{ background-color: rgb(255,  
201, 193) }
```

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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