

Converting Colors

XYZ(71.7843, 67.2925, 65.5731)

Have a look what the booklet for
XYZ(71.7843, 67.2925, 65.5731)
contains.

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Color

**XYZ(71.9191, 67.5329,
65.7445)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCBCB
RGB	251, 203, 203
RGB Percent	98%, 80%, 80%
CMY	0.0157, 0.2039, 0.2039
CMYK	0.00, 0.19, 0.19, 0.02
HSL	0°, 86%, 89%
HSV	0°, 19%, 98%
XYZ	71.9191, 67.5329, 65.7445
YIQ	217.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

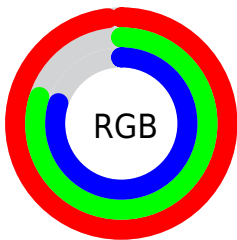
Format	Color
R _Y B	251, 203, 203
Decimal	16501707
CIE Lab	85.77, 16.95, 6.43
CIE LCh	86, 18.126, 20.766
Yxy	67.5329, 0.3505, 0.3291
Android (android.graphics.Color)	4294691787 (0xFFFBCBCB)
YUV	217.3520, -7.0755, 29.5093
Hunter-Lab	82.1784, 12.4035, 10.0916

Details

The XYZ color **71.9191, 67.5329, 65.7445** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5376, 88.6537, 104.3453**, and the grayscale version is **66.2296, 69.6787, 75.8801**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4204, 35.1342, 33.1904** is the 20% darker color. If you saturate the color by 10%, you get **63.7121, 55.5241, 49.4268**, and if you desaturate by 10%, it is **81.5736, 81.6603, 84.9353**.

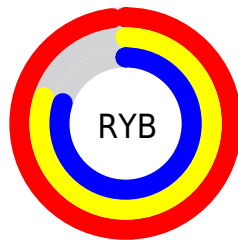
Distribution



Red (98%)

Green (80%)

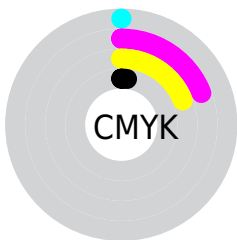
Blue (80%)



Red (98%)

Yellow (80%)

Blue (80%)

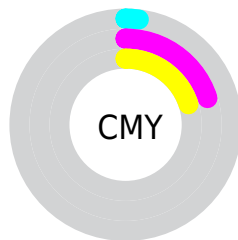


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (2%)



Cyan (2%)


Magenta (20%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9191, 67.5329, 65.7445 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 71.9191, 67.5329, 65.7445 by changing the saturation by 10% instead.


 71.9191, 67.5329,
65.7445

 71.9191, 67.5329,
65.7445


456.4220,
451.8393, 463.8418

 53.3778, 49.5178,
47.6099

120.9529,
115.6837, 114.7430

 38.3332, 35.0304,
33.1602


152.1762,
146.5882, 146.4440

 26.4197, 23.6863,
21.9771


188.3575,
182.5579, 183.5042

 17.2722, 15.1011,
13.6419

229.8622,
223.9773, 226.3421

 10.5253, 8.8904,
7.7361

277.0556,
271.2307, 275.3763

 5.8135, 4.6697,
3.8412

330.3032,

 2.7716, 2.0548,

324.7026, 331.0253

1.5387

389.9702,
384.7773, 393.7076

■ 1.0342, 0.6390,
0.2465

■ 0.0000, 0.0000,
0.0000

■ 71.9191, 67.5329,
65.7445

■ 71.9191, 67.5329,
65.7445

■ 63.7121, 55.5241,
49.4268

■ 81.5736, 81.6603,
84.9353

■ 56.8776, 45.5233,
35.8401

■ 92.7346, 97.9918,
107.1236

■ 51.3424, 37.4236,
24.8366

■ 93.5939, 99.2494,
108.8319

■ 47.0242, 31.1048,
16.2526

■ 43.8315, 26.4328,
9.9062

■ 41.6597, 23.2546,
5.5892

■ 40.3846, 21.3886,
3.0552

■ 39.8201, 20.5625,
1.9334

■ 39.7842, 20.5099,
1.8619

Harmonies

Analogous

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



72.3664, 67.5329, 77.2493



71.9191, 67.5329, 65.7445



69.3533, 67.5329, 57.2556

Triad

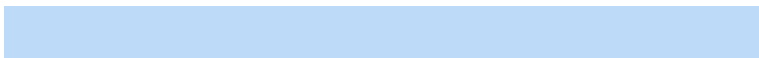
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9191, 67.5329, 65.7445



58.2200, 67.5329, 60.0401



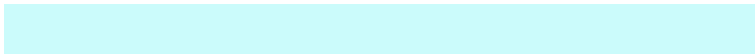
62.9197, 67.5329, 98.3959

Complementary

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



71.9191, 67.5329, 65.7445



76.5376, 88.6537, 104.3453

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.



59.2858, 67.5329, 92.6328



71.9191, 67.5329, 65.7445



56.6502, 67.5329, 69.9356

Square

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



71.9191, 67.5329, 65.7445



61.4079, 67.5329, 54.2162



57.0318, 67.5329, 81.9111



67.0507, 67.5329, 96.9637

Rectangle

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



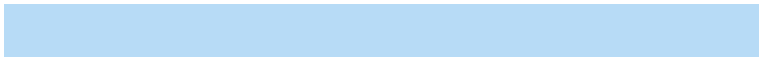
71.9191, 67.5329, 65.7445



66.8450, 67.5329, 54.0462



57.0318, 67.5329, 81.9111



61.6024, 67.5329, 97.2146

Sweetspot

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



71.9210, 67.5360, 65.7459



87.9959, 89.6780, 94.8763



78.5529, 70.1870, 100.6746



18.6778, 18.9652, 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.



71.9210, 67.5360, 65.7459



71.0640, 64.9020, 61.2155



78.0330, 79.7600, 67.7832



17.2448, 17.2255, 17.8784



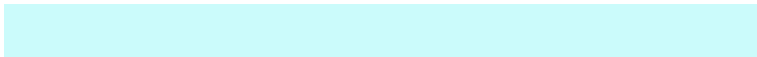
20.9121, 10.7809, 0.9787



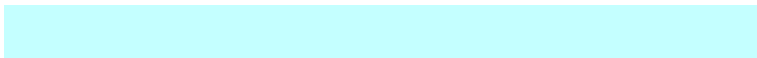
1.9369, 0.9986, 0.0907

Inverse Universe

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



76.5376, 88.6537, 104.3453



76.6643, 90.5191, 108.0390



69.5111, 74.6005, 102.0031



17.7657, 19.6083, 22.2337



27.2820, 39.9195, 54.2409



2.5268, 3.6973, 5.0237

Previews

White Background



This preview shows how the XYZ color 71.9191, 67.5329, 65.7445 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 71.9191, 67.5329, 65.7445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

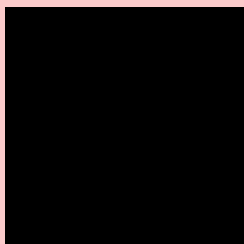
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9191, 67.5329, 65.7445

Background



This preview shows how black text looks on a background with the XYZ color 71.9191, 67.5329, 65.7445.



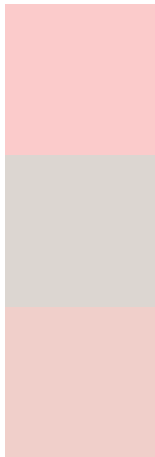
This preview shows how white text looks on a background with the XYZ color 71.9191, 67.5329,

65.7445.

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

71.9191, 67.5329, 65.7445

Protanopia

65.0704, 67.9122, 70.0004

Deuteranopia

68.9087, 67.4152, 65.2577



Tritanopia

73.7893, 67.6138, 74.1274

Trichromacy



Original Color

71.9191, 67.5329, 65.7445

Protanomaly

67.2641, 67.5871, 68.5319

Deuteranomaly

70.0402, 67.6400, 65.2414

Tritanomaly

73.0233, 67.6397, 70.8350

Monochromacy



Original Color

71.9191, 67.5329, 65.7445

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.7402, 68.4984, 71.9386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9191, 67.5329, 65.7445 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(251, 203, 203)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 203, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 203, 203) }
```

Border

The CSS property to change the border of an element to XYZ 71.9191, 67.5329, 65.7445 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(251, 203, 203) }
```


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

```
.border{ border-color:rgb(251, 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(251, 203, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 203, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 203, 203);  
box-shadow:4px 4px 4px 4px rgb(251, 203,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9191, 67.5329, 65.7445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 203, 203) }
```

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

```
.background{ background-color: rgb(251,  
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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