

Converting Colors

XYZ(143.3167, 103.9009,
61.9521)

Have a look what the booklet for
XYZ(143.3167, 103.9009, 61.9521)
contains.

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Color

**XYZ(71.5306, 66.7949,
58.4128)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9BF
RGB	255, 201, 191
RGB Percent	100%, 79%, 75%
CMY	0.0000, 0.2117, 0.2510
CMYK	0.00, 0.21, 0.25, 0.00
HSL	9°, 100%, 87%
HSV	9°, 25%, 100%
XYZ	71.5306, 66.7949, 58.4128
YIQ	216.0060, 35.3940, 8.3380

Conversions

Conversions Part 2

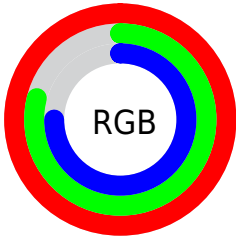
Format	Color
R_{YB}	255, 203, 191
Decimal	16763327
CIE _{Lab}	85.40, 17.73, 12.32
CIE _{LCh}	85, 21.590, 34.790
Yxy	66.7949, 0.3636, 0.3395
Android (android.graphics.Color)	4294953407 (0xFFFFC9BF)
YUV	216.0060, -12.3280, 34.1977
Hunter-Lab	81.7281, 13.2036, 14.8339

Details

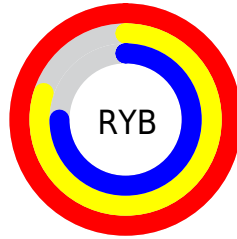
The XYZ color **71.5306, 66.7949, 58.4128** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.1871, 83.5984, 106.9392**, and the grayscale version is **65.3402, 68.7430, 74.8611**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **38.0471, 34.5727, 28.7127** is the 20% darker color. If you saturate the color by 10%, you get **64.2963, 56.4330, 43.3409**, and if you desaturate by 10%, it is **79.9592, 78.7630, 76.2946**.

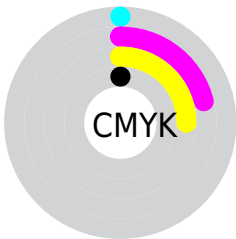
Distribution



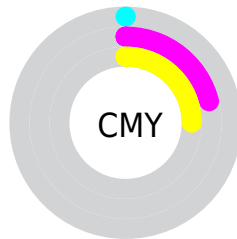
- Red (100%)
- Green (79%)
- Blue (75%)



- Red (100%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (21%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5306, 66.7949, 58.4128 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 71.5306, 66.7949, 58.4128 by changing the saturation by 10% instead.


 71.5306, 66.7949,
58.4128

 71.5306, 66.7949,
58.4128


455.0892,
449.2144, 436.3635

 53.0594, 48.9180,
41.7237


 120.4033,
114.6265, 104.0445

 38.0779, 34.5544,
28.5611


151.5356,
145.3499, 133.8241

 26.2206, 23.3198,
18.5063


187.6190,
181.1243, 168.8044

 17.1223, 14.8299,
11.1409

229.0187,
222.3340, 209.4037

 10.4176, 8.7001,
6.0463

276.1003,
269.3635, 256.0408

 5.7411, 4.5461,
2.8040

329.2290,

 2.7274, 1.9835,

322.5971, 309.1341

0.9955

388.7701,
382.4193, 369.1021

■ 1.0113, 0.5978,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.5306, 66.7949,
58.4128

■ 71.5306, 66.7949,
58.4128

■ 64.2963, 56.4330,
43.3409

■ 79.9592, 78.7630,
76.2946

■ 58.1971, 47.6001,
30.9319

■ 89.6280, 92.3924,
97.1151

■ 53.1758, 40.2261,
21.0314

95.0500, 100.0000,
108.9000

■ 49.1685, 34.2319,
13.4674

■ 46.1042, 29.5304,
8.0464

■ 43.9024, 26.0250,
4.5433

■ 42.4677, 23.6043,
2.6819

■ 41.9942, 22.7685,
2.1814

Harmonies

Analogous

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



73.3308, 66.7949, 70.5017



71.5306, 66.7949, 58.4128



67.5787, 66.7949, 50.9730

Triad

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



71.5306, 66.7949, 58.4128



55.3494, 66.7949, 61.8448



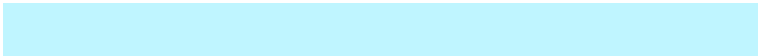
64.2753, 66.7949, 103.0178

Complementary

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



71.5306, 66.7949, 58.4128



72.1871, 83.5984, 106.9392

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.



59.5630, 66.7949, 99.9309



71.5306, 66.7949, 58.4128



54.5653, 66.7949, 75.0013

Square

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



71.5306, 66.7949, 58.4128



58.2685, 66.7949, 52.7688



56.0694, 66.7949, 89.2102



69.0072, 66.7949, 97.1761

Rectangle

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



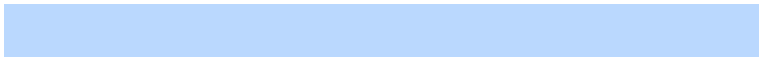
71.5306, 66.7949, 58.4128



64.3448, 66.7949, 49.0603



56.0694, 66.7949, 89.2102



62.6360, 66.7949, 102.9960

Sweetspot

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



71.5323, 66.7979, 58.4142



86.6908, 88.2614, 90.7617



76.4137, 65.1393, 95.2526



18.2386, 18.4454, 18.7434



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.



71.5323, 66.7979, 58.4142



67.8393, 61.5207, 50.6823



79.6701, 83.0735, 61.1268



18.2386, 18.4454, 18.7434



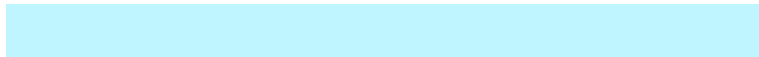
22.0105, 12.0322, 1.1624



2.2063, 1.2980, 0.1342

Inverse Universe

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



72.1871, 83.5984, 106.9392



68.5878, 80.8698, 106.6022



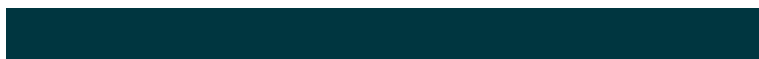
63.4314, 66.0870, 104.0206



18.2988, 19.9692, 23.1399



22.2379, 29.3854, 53.9345



2.2274, 2.9856, 5.2721

Previews

White Background



This preview shows how the XYZ color 71.5306, 66.7949, 58.4128 looks on a white background.

Color Contrast Check

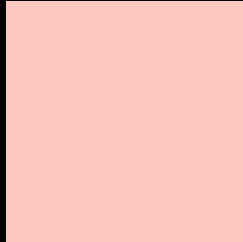
Large Text (above 18pt) WCAG AA × Fail

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 71.5306, 66.7949, 58.4128 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 71.5306, 66.7949, 58.4128

Background



This preview shows how black text looks on a background with the XYZ color 71.5306, 66.7949, 58.4128.

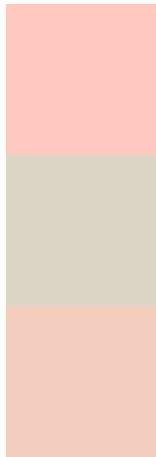


This preview shows how white text looks on a background with the XYZ color 71.5306, 66.7949,

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

71.5306, 66.7949, 58.4128

Protanopia

63.6911, 66.9919, 62.3972

Deuteranopia

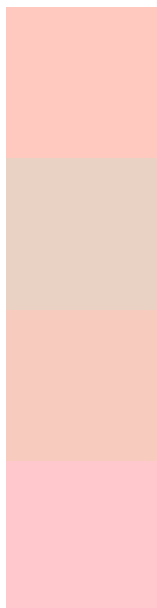
68.3277, 66.9150, 58.0298



Tritanopia

73.6737, 66.9109, 71.9829

Trichromacy



Original Color

71.5306, 66.7949, 58.4128

Protanomaly

66.2551, 66.8647, 61.0439

Deuteranomaly

69.2449, 66.6776, 57.9357

Tritanomaly

72.9137, 66.9763, 66.8424

Monochromacy



Original Color

71.5306, 66.7949, 58.4128

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.1899, 67.9165, 68.5994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5306, 66.7949, 58.4128 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 191) }
```

Border

The CSS property to change the border of an element to XYZ 71.5306, 66.7949, 58.4128 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, 191) }
```


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

```
.border{ border-color:rgb(255, 201, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5306, 66.7949, 58.4128 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
201, 191) }
```

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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