

Converting Colors

XYZ(70.1489, 66.3006, 50.9575)

Have a look what the booklet for
XYZ(70.1489, 66.3006, 50.9575)
contains.

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Color

**XYZ(70.1625, 66.2476,
51.2086)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9B2
RGB	255, 201, 178
RGB Percent	100%, 79%, 70%
CMY	0.0000, 0.2117, 0.3020
CMYK	0.00, 0.21, 0.30, 0.00
HSL	18°, 100%, 85%
HSV	18°, 30%, 100%
XYZ	70.1625, 66.2476, 51.2086
YIQ	214.5240, 39.5670, 4.2950

Conversions

Conversions Part 2

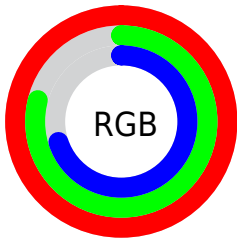
Format	Color
R _Y B	255, 211, 178
Decimal	16763314
CIE Lab	85.12, 16.01, 18.82
CIE LCh	85, 24.705, 49.607
Yxy	66.2476, 0.3740, 0.3531
Android (android.graphics.Color)	4294953394 (0xFFFFC9B2)
YUV	214.5240, -18.0063, 35.4975
Hunter-Lab	81.3926, 11.4344, 19.6722

Details

The XYZ color **70.1625, 66.2476, 51.2086** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.2658, 74.3958, 105.5277**, and the grayscale version is **64.3700, 67.7223, 73.7495**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **37.1613, 34.2184, 24.0482** is the 20% darker color. If you saturate the color by 10%, you get **63.9079, 57.4620, 37.6446**, and if you desaturate by 10%, it is **77.3816, 76.2002, 67.4435**.

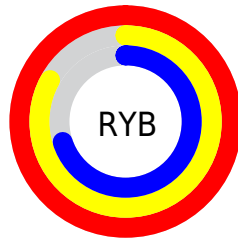
Distribution



Red (100%)

Green (79%)

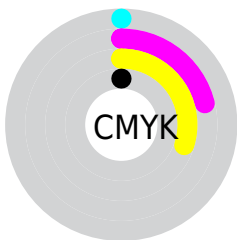
Blue (70%)



Red (100%)

Yellow (83%)

Blue (70%)

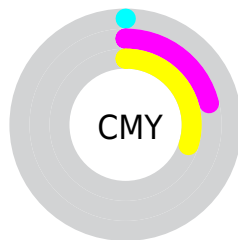


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1625, 66.2476, 51.2086 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 70.1625, 66.2476, 51.2086 by changing the saturation by 10% instead.


 70.1625, 66.2476,
51.2086

 70.1625, 66.2476,
51.2086

450.3779,
447.2619, 408.2434

 51.9391, 48.4734,
35.9968


 118.4655,
113.8416, 93.3777

 37.1806, 34.2020,
24.1420


149.2757,
144.4303, 121.1721

 25.5217, 23.0488,
15.2258


185.0124,
180.0592, 153.9977

 16.5969, 14.6295,
8.8297

226.0407,
221.1128, 192.2730

 10.0411, 8.5598,
4.5349

272.7260,
267.9755, 236.4168

 5.4887, 4.4552,
1.9232

325.4338,

 2.5744, 1.9313,

321.0316, 286.8474

0.5074

384.5293,
380.6656, 343.9834

■ 0.9329, 0.5671,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.1625, 66.2476,
51.2086

■ 70.1625, 66.2476,
51.2086

■ 63.9079, 57.4620,
37.6446

■ 77.3816, 76.2002,
67.4435

■ 58.5700, 49.7905,
26.6028

■ 85.6005, 87.3520,
86.4789

■ 54.1037, 43.1897,
17.9260

94.8585, 99.7452,
108.4408

■ 50.4583, 37.6093,
11.4376

95.0500, 100.0000,
108.9000

■ 47.5767, 32.9947,
6.9357

■ 45.3931, 29.2855,
4.1800

■ 43.8373, 26.4545,
2.7958

Harmonies

Analogous

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



73.6003, 66.2476, 62.3245



70.1625, 66.2476, 51.2086



64.9177, 66.2476, 45.9807

Triad

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



70.1625, 66.2476, 51.2086



53.0116, 66.2476, 66.7410



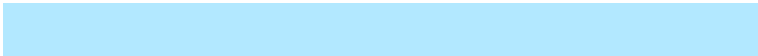
66.6279, 66.2476, 105.0445

Complementary

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



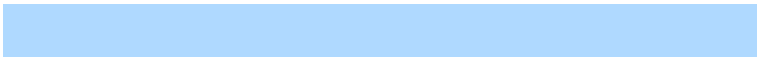
70.1625, 66.2476, 51.2086



65.2658, 74.3958, 105.5277

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.



61.0546, 66.2476, 106.6910



70.1625, 66.2476, 51.2086



53.4095, 66.2476, 82.9188

Square

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



70.1625, 66.2476, 51.2086



55.1590, 66.2476, 54.0307



56.2799, 66.2476, 98.0967



71.4778, 66.2476, 93.8833

Rectangle

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



70.1625, 66.2476, 51.2086



61.1964, 66.2476, 45.9266



56.2799, 66.2476, 98.0967



64.7701, 66.2476, 106.7858

Sweetspot

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



70.1642, 66.2507, 51.2099



86.6518, 88.7674, 88.9480



71.8950, 58.9951, 84.8265



18.2736, 18.6317, 18.3965



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.



70.1642, 66.2507, 51.2099



66.4183, 61.0106, 43.0200



79.9430, 85.8083, 54.4695



18.4517, 18.8716, 18.8144



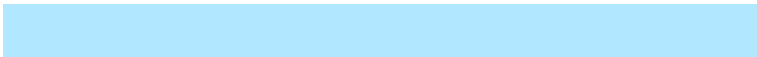
23.0188, 14.0489, 1.4985



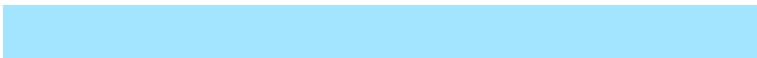
2.3318, 1.5489, 0.1761

Inverse Universe

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



65.2658, 74.3958, 105.5277



60.8213, 70.2798, 104.9675



55.8550, 55.5742, 102.3908



18.0698, 19.5112, 23.0636



17.9719, 20.8534, 52.5125



1.8454, 2.2216, 5.1448

Previews

White Background



This preview shows how the XYZ color 70.1625, 66.2476, 51.2086 looks on a white background.

Color Contrast Check

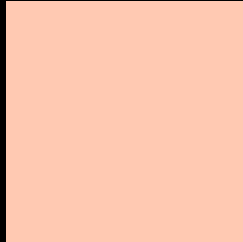
Large Text (above 18pt) WCAG AA × Fail

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 70.1625, 66.2476, 51.2086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

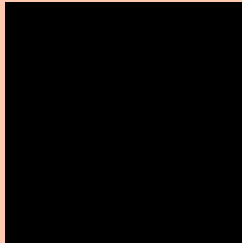
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1625, 66.2476, 51.2086

Background



This preview shows how black text looks on a background with the XYZ color 70.1625, 66.2476, 51.2086.



This preview shows how white text looks on a background with the XYZ color 70.1625, 66.2476,

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

70.1625, 66.2476, 51.2086

Protanopia

62.6266, 66.2356, 54.8314

Deuteranopia

67.7732, 66.4298, 50.8452



Tritanopia

73.1920, 66.3513, 70.5775

Trichromacy



Original Color

70.1625, 66.2476, 51.2086

Protanomaly

65.2603, 66.1513, 53.5849

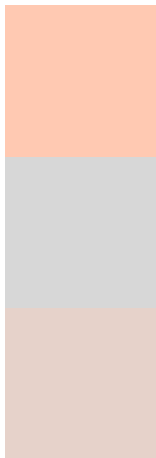
Deuteranomaly

68.5956, 66.4998, 50.8153

Tritanomaly

71.9722, 66.2304, 63.0232

Monochromacy



Original Color

70.1625, 66.2476, 51.2086

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.3404, 67.1804, 65.3477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1625, 66.2476, 51.2086 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 178) }
```

Border

The CSS property to change the border of an element to XYZ 70.1625, 66.2476, 51.2086 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, 178) }
```


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

```
.border{ border-color:rgb(255, 201, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 201, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 201, 178); box-shadow:4px 4px 4px 4px rgb(255, 201, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1625, 66.2476, 51.2086 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, 178) }
```

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

```
.background{ background-color: rgb(255,  
201, 178) }
```

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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