

Converting Colors

XYZ(72.3156, 66.1732, 51.5281)

Have a look what the booklet for
XYZ(72.3156, 66.1732, 51.5281)
contains.

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Color

**XYZ(69.5708, 64.9028,
51.5085)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6B3
RGB	255, 198, 179
RGB Percent	100%, 78%, 70%
CMY	0.0000, 0.2235, 0.2980
CMYK	0.00, 0.22, 0.30, 0.00
HSL	15°, 100%, 85%
HSV	15°, 30%, 100%
XYZ	69.5708, 64.9028, 51.5085
YIQ	212.8770, 40.0710, 6.1750

Conversions

Conversions Part 2

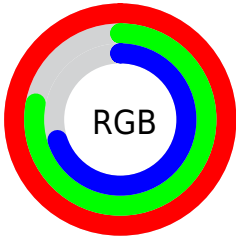
Format	Color
R _Y B	255, 204, 179
Decimal	16762547
CIE Lab	84.43, 17.71, 17.32
CIE LCh	84, 24.771, 44.378
Yxy	64.9028, 0.3741, 0.3490
Android (android.graphics.Color)	4294952627 (0xFFFFC6B3)
YUV	212.8770, -16.7014, 36.9419
Hunter-Lab	80.5623, 13.1625, 18.4858

Details

The XYZ color **69.5708, 64.9028, 51.5085** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.6348, 76.7921, 105.9181**, and the grayscale version is **63.2543, 66.5485, 72.4713**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **36.7651, 33.3232, 24.2330** is the 20% darker color. If you saturate the color by 10%, you get **63.1279, 55.7698, 37.7921**, and if you desaturate by 10%, it is **77.0456, 75.3362, 67.9232**.

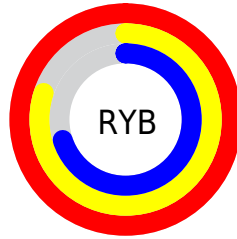
Distribution



Red (100%)

Green (78%)

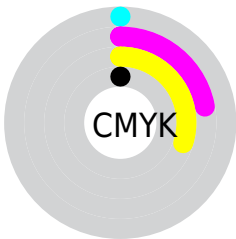
Blue (70%)



Red (100%)

Yellow (80%)

Blue (70%)

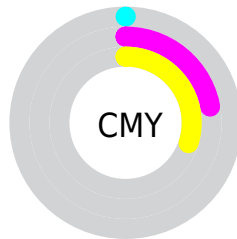


Cyan (0%)

Magenta (22%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5708, 64.9028, 51.5085 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 69.5708, 64.9028, 51.5085 by changing the saturation by 10% instead.


 69.5708, 64.9028,
51.5085

 69.5708, 64.9028,
51.5085

448.3315,
442.4426, 409.4390

 51.4550, 47.3823,
36.2339


 117.6261,
111.9101, 93.8252

 36.7934, 33.3380,
24.3238


148.2963,
142.1657, 121.7043

 25.2205, 22.3855,
15.3596


183.8821,
177.4350, 154.6221

 16.3710, 14.1404,
8.9227

224.7488,
218.1026, 192.9970

 9.8796, 8.2184,
4.5947

271.2617,
264.5527, 237.2476

 5.3808, 4.2350,
1.9569

323.7862,

 2.5094, 1.8059,

317.1698, 287.7925

0.5286

382.6877,
376.3383, 345.0501

0.9000, 0.4908,
0.0000

0.0000, 0.0000,
0.0000

69.5708, 64.9028,
51.5085

69.5708, 64.9028,
51.5085

63.1279, 55.7698,
37.7921

77.0456, 75.3362,
67.9232

57.6656, 47.8769,
26.6244

85.5914, 87.1098,
87.1667

53.1346, 41.1720,
17.8476

95.0500, 100.0000,
108.9000

49.4795, 35.5956,
11.2842

■ 46.6384, 31.0830,
6.7318

■ 44.5402, 27.5620,
3.9498

■ 43.0842, 24.9441,
2.5583

■ 43.0603, 24.9006,
2.5368

Harmonies

Analogous

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



72.5252, 64.9028, 63.4015



69.5708, 64.9028, 51.5085



64.5840, 64.9028, 45.2996

Triad

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



69.5708, 64.9028, 51.5085



52.0414, 64.9028, 62.8117



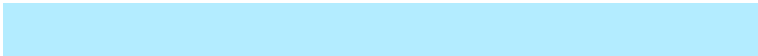
64.3553, 64.9028, 104.3052

Complementary

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



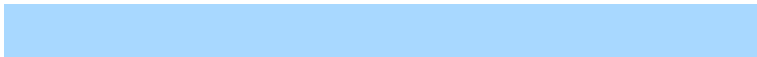
69.5708, 64.9028, 51.5085



66.6348, 76.7921, 105.9181

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.



58.8802, 64.9028, 104.0844



69.5708, 64.9028, 51.5085



51.9883, 64.9028, 78.4697

Square

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



69.5708, 64.9028, 51.5085



54.5743, 64.9028, 51.1323



54.4246, 64.9028, 94.0720



69.3948, 64.9028, 94.6367

Rectangle

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



69.5708, 64.9028, 51.5085



60.8833, 64.9028, 44.5368



54.4246, 64.9028, 94.0720



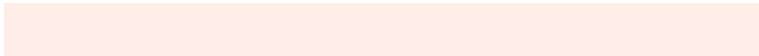
62.5001, 64.9028, 105.4259

Sweetspot

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



69.5723, 64.9057, 51.5098



86.3257, 88.1153, 88.8393



72.5008, 59.5569, 87.0316



18.1937, 18.4719, 18.3699



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.



69.5723, 64.9057, 51.5098



65.4606, 59.0952, 42.7007



79.3724, 84.5059, 54.7765



18.3784, 18.7249, 18.7900



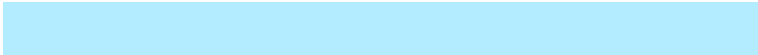
22.5986, 13.2085, 1.3584



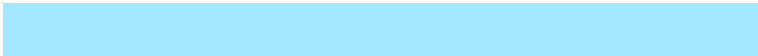
2.2826, 1.4505, 0.1597

Inverse Universe

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



66.6348, 76.7921, 105.9181



62.0642, 72.7656, 105.3818



56.8351, 57.1926, 102.6515



18.1476, 19.6668, 23.0895



19.3178, 23.5453, 52.9611



1.9674, 2.4656, 5.1855

Previews

White Background



This preview shows how the XYZ color 69.5708, 64.9028, 51.5085 looks on a white background.

Color Contrast Check

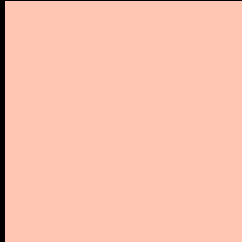
Large Text (above 18pt) WCAG AA × Fail

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 69.5708, 64.9028, 51.5085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

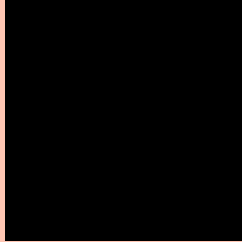
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5708, 64.9028, 51.5085

Background



This preview shows how black text looks on a background with the XYZ color 69.5708, 64.9028, 51.5085.



This preview shows how white text looks on a background with the XYZ color 69.5708, 64.9028,

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

69.5708, 64.9028, 51.5085

Protanopia

61.6223, 64.9681, 55.1912

Deuteranopia

66.3540, 64.9809, 51.1648



Tritanopia

72.2637, 64.8937, 69.0386

Trichromacy



Original Color

69.5708, 64.9028, 51.5085

Protanomaly

64.2228, 64.8851, 53.9389

Deuteranomaly

67.2803, 64.7618, 51.0737

Tritanomaly

71.1730, 64.8171, 62.1858

Monochromacy



Original Color

69.5708, 64.9028, 51.5085

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.0934, 65.8228, 64.5326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5708, 64.9028, 51.5085 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, 198, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 179)  
}
```

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, 198, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 179) }
```

Border

The CSS property to change the border of an element to XYZ 69.5708, 64.9028, 51.5085 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, 198, 179) }
```


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

```
.border{ border-color:rgb(255, 198, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5708, 64.9028, 51.5085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 179) }
```

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

```
.background{ background-color: rgb(255,  
198, 179) }
```

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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