

Converting Colors

XYZ(69.1800, 64.6790, 49.6591)

Have a look what the booklet for
XYZ(69.1800, 64.6790, 49.6591)
contains.

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Color

**XYZ(69.2706, 64.7828,
49.9277)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6B0
RGB	255, 198, 176
RGB Percent	100%, 78%, 69%
CMY	0.0000, 0.2235, 0.3098
CMYK	0.00, 0.22, 0.31, 0.00
HSL	17°, 100%, 85%
HSV	17°, 31%, 100%
XYZ	69.2706, 64.7828, 49.9277
YIQ	212.5350, 41.0340, 5.2420

Conversions

Conversions Part 2

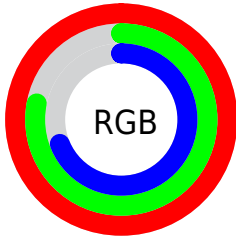
Format	Color
R _Y B	255, 206, 176
Decimal	16762544
CIE Lab	84.37, 17.32, 18.83
CIE LCh	84, 25.585, 47.385
Yxy	64.7828, 0.3765, 0.3521
Android (android.graphics.Color)	4294952624 (0xFFFFC6B0)
YUV	212.5350, -18.0118, 37.2418
Hunter-Lab	80.4878, 12.7698, 19.5630

Details

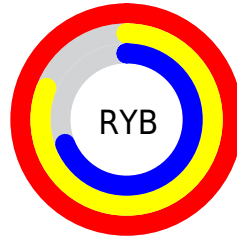
The XYZ color **69.2706, 64.7828, 49.9277** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.0924, 74.7254, 105.6004**, and the grayscale version is **63.0340, 66.3167, 72.2189**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **36.5744, 33.2469, 23.2285** is the 20% darker color. If you saturate the color by 10%, you get **63.0280, 55.9633, 36.5465**, and if you desaturate by 10%, it is **76.5011, 74.8194, 65.9778**.

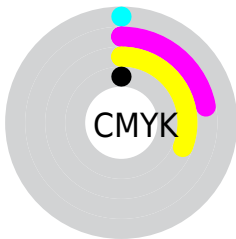
Distribution



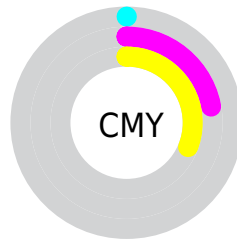
- Red (100%)
- Green (78%)
- Blue (69%)



- Red (100%)
- Yellow (81%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2706, 64.7828, 49.9277 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 69.2706, 64.7828, 49.9277 by changing the saturation by 10% instead.


 69.2706, 64.7828,
49.9277

 69.2706, 64.7828,
49.9277


447.2912,
442.0110, 403.1101

 51.2096, 47.2850,
34.9852


 117.1999,
111.7375, 91.4629

 36.5971, 33.2610,
23.3680


147.7990,
141.9632, 118.8927

 25.0680, 22.3265,
14.6576

183.3080,
177.2004, 151.3221

 16.2567, 14.0970,
8.4355

224.0925,
217.8333, 189.1694

 9.7980, 8.1881,
4.2831

270.5176,
264.2464, 232.8534

 5.3265, 4.2156,
1.7819

322.9489,

 2.4768, 1.7949,

316.8242, 282.7924

0.4160

381.7517,
375.9509, 339.4052

■ 0.8836, 0.4840,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.2706, 64.7828,
49.9277

■ 69.2706, 64.7828,
49.9277

■ 63.0280, 55.9633,
36.5465

■ 76.5011, 74.8194,
65.9778

■ 57.7238, 48.3048,
25.6840

■ 84.7566, 86.1086,
84.8277

■ 53.3110, 41.7600,
17.1812

■ 94.0780, 98.6955,
106.6045

■ 49.7363, 36.2748,
10.8592

■ 95.0500, 100.0000,
108.9000

■ 46.9402, 31.7900,
6.5130

■ 44.8536, 28.2398,
3.8975

■ 43.4951, 25.7703,
2.6817

Harmonies

Analogous

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



72.5986, 64.7828, 61.5963



69.2706, 64.7828, 49.9277



63.9909, 64.7828, 44.1998

Triad

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



69.2706, 64.7828, 49.9277



51.5171, 64.7828, 63.9229



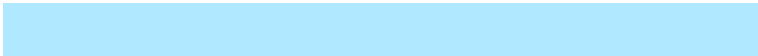
64.8962, 64.7828, 104.8048

Complementary

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



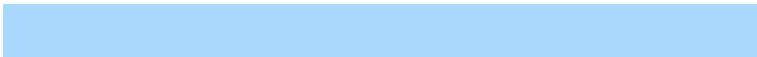
69.2706, 64.7828, 49.9277



65.0924, 74.7254, 105.6004

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.



59.2190, 64.7828, 105.6848



69.2706, 64.7828, 49.9277



51.7263, 64.7828, 80.3045

Square

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



69.2706, 64.7828, 49.9277



53.8796, 64.7828, 51.4044



54.4699, 64.7828, 96.1573



69.9684, 64.7828, 93.9113

Rectangle

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



69.2706, 64.7828, 49.9277



60.1806, 64.7828, 43.8378



54.4699, 64.7828, 96.1573



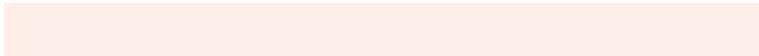
62.9890, 64.7828, 106.3353

Sweetspot

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



69.2722, 64.7858, 49.9290



86.5162, 88.4962, 88.9028



71.6074, 58.2480, 85.2609



18.2404, 18.5652, 18.3854



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.



69.2722, 64.7858, 49.9290



65.3979, 59.3323, 41.5620



79.2356, 84.7126, 53.2501



18.4212, 18.8106, 18.8042



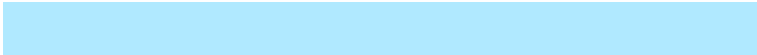
22.8343, 13.6799, 1.4370



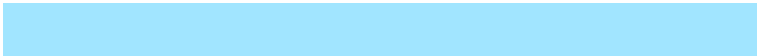
2.3105, 1.5064, 0.1690

Inverse Universe

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



65.0924, 74.7254, 105.6004



60.6191, 70.6440, 105.0484



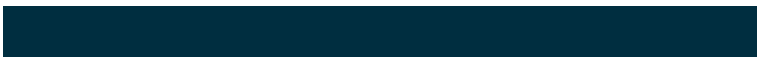
55.3435, 55.2276, 102.3508



18.1020, 19.5757, 23.0744



18.5168, 21.9432, 52.6941



1.8950, 2.3207, 5.1613

Previews

White Background



This preview shows how the XYZ color 69.2706, 64.7828, 49.9277 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 69.2706, 64.7828, 49.9277 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 69.2706, 64.7828, 49.9277

Background



This preview shows how black text looks on a background with the XYZ color 69.2706, 64.7828, 49.9277.



This preview shows how white text looks on a background with the XYZ color 69.2706, 64.7828,

49.9277.

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

69.2706, 64.7828, 49.9277

Protanopia

61.3089, 64.8427, 53.5405

Deuteranopia

66.4020, 65.0401, 49.6117



Tritanopia

72.1403, 64.8443, 68.3885

Trichromacy



Original Color

69.2706, 64.7828, 49.9277

Protanomaly

63.9138, 64.7615, 52.3116

Deuteranomaly

67.3359, 64.8249, 49.5209

Tritanomaly

70.9437, 64.7254, 60.9787

Monochromacy



Original Color

69.2706, 64.7828, 49.9277

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.9761, 65.7759, 63.9150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2706, 64.7828, 49.9277 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 176) }
```

Border

The CSS property to change the border of an element to XYZ 69.2706, 64.7828, 49.9277 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, 176) }
```


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

```
.border{ border-color:rgb(255, 198, 176) }
```

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, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2706, 64.7828, 49.9277 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, 176) }
```

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

```
.background{ background-color: rgb(255,  
198, 176) }
```

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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