

Converting Colors

XYZ(69.5364, 65.9685, 47.9997)

Have a look what the booklet for
XYZ(69.5364, 65.9685, 47.9997)
contains.

XYZ(69.5730, 66.0118, 48.1044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.5730, 66.0118,
48.1044)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9AC
RGB	255, 201, 172
RGB Percent	100%, 79%, 67%
CMY	0.0000, 0.2117, 0.3255
CMYK	0.00, 0.21, 0.33, 0.00
HSL	21°, 100%, 84%
HSV	21°, 33%, 100%
XYZ	69.5730, 66.0118, 48.1044
YIQ	213.8400, 41.4930, 2.4290

Conversions

Conversions Part 2

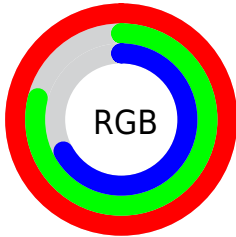
Format	Color
R _Y B	255, 217, 172
Decimal	16763308
CIE Lab	85.00, 15.26, 21.82
CIE LCh	85, 26.623, 55.032
Yxy	66.0118, 0.3788, 0.3594
Android (android.graphics.Color)	4294953388 (0xFFFFC9AC)
YUV	213.8400, -20.6271, 36.0973
Hunter-Lab	81.2476, 10.6676, 21.7694

Details

The XYZ color **69.5730, 66.0118, 48.1044** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.2587, 70.3810, 104.9113**, and the grayscale version is **63.9251, 67.2542, 73.2398**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **36.8498, 34.0938, 22.4079** is the 20% darker color. If you saturate the color by 10%, you get **63.6948, 57.8057, 35.1997**, and if you desaturate by 10%, it is **76.3422, 75.2473, 63.6257**.

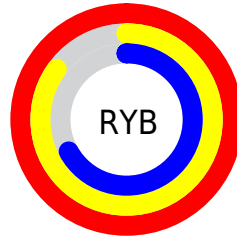
Distribution



Red (100%)

Green (79%)

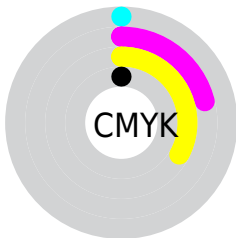
Blue (67%)



Red (100%)

Yellow (85%)

Blue (67%)

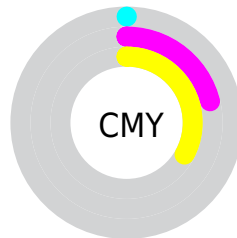


Cyan (0%)

Magenta (21%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5730, 66.0118, 48.1044 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 69.5730, 66.0118, 48.1044 by changing the saturation by 10% instead.


 69.5730, 66.0118,
48.1044

 69.5730, 66.0118,
48.1044


448.3391,
446.4191, 395.7264

 51.4568, 48.2820,
33.5490


 117.6292,
113.5033, 88.7270

 36.7948, 34.0502,
22.2728


148.3000,
144.0337, 115.6313

 25.2216, 22.9322,
13.8572


183.8863,
179.5998, 147.4889

 16.3719, 14.5435,
7.8838

224.7536,
220.5860, 184.7184

 9.8802, 8.4996,
3.9340

271.2672,
267.3766, 227.7384

 5.3812, 4.4163,
1.5892

323.7924,

 2.5097, 1.9090,

320.3560, 276.9674

0.2831

382.6946,
379.9087, 332.8239

■ 0.9001, 0.5538,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.5730, 66.0118,
48.1044

■ 69.5730, 66.0118,
48.1044

■ 63.6948, 57.8057,
35.1997

■ 76.3422, 75.2473,
63.6257

■ 58.6624, 50.5826,
24.7613

■ 84.0347, 85.5382,
81.8946

■ 54.4337, 44.3060,
16.6294

■ 92.6874, 96.9209,
103.0380

■ 50.9610, 38.9330,
10.6235

95.0500, 100.0000,
108.9000

■ 48.1899, 34.4173,
6.5359

■ 46.0574, 30.7067,
4.1157

■ 44.8218, 28.4235,
3.1239

Harmonies

Analogous

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



73.7601, 66.0118, 58.8099



69.5730, 66.0118, 48.1044



63.7443, 66.0118, 43.7821

Triad

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



69.5730, 66.0118, 48.1044



51.9594, 66.0118, 69.0587



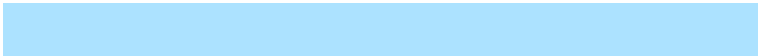
67.7398, 66.0118, 106.0731

Complementary

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



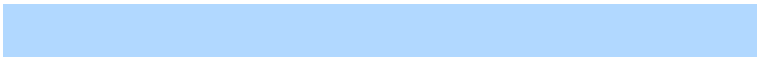
69.5730, 66.0118, 48.1044



62.2587, 70.3810, 104.9113

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.



61.7508, 66.0118, 109.9731



69.5730, 66.0118, 48.1044



52.8801, 66.0118, 86.7460

Square

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



69.5730, 66.0118, 48.1044



53.7744, 66.0118, 54.5897



56.3739, 66.0118, 102.4157



72.6554, 66.0118, 92.4723

Rectangle

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



69.5730, 66.0118, 48.1044



59.8039, 66.0118, 44.5078



56.3739, 66.0118, 102.4157



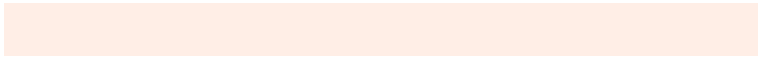
65.7753, 66.0118, 108.6450

Sweetspot

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



69.5747, 66.0149, 48.1057



86.1472, 88.3339, 87.0050



69.9041, 56.3302, 80.1034



18.1880, 18.5752, 18.0144



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.



69.5747, 66.0149, 48.1057



65.6821, 60.6038, 39.4890



80.1913, 87.2481, 51.6446



18.5285, 19.0252, 18.8400



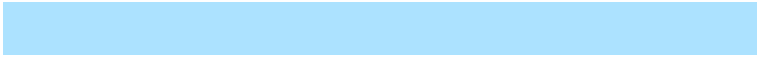
23.5461, 15.1035, 1.6742



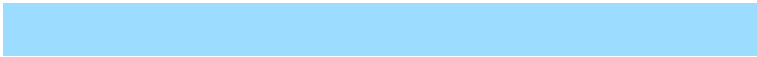
2.3904, 1.6661, 0.1956

Inverse Universe

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



62.2587, 70.3810, 104.9113



57.3312, 65.5588, 104.2402



52.5877, 51.0391, 101.6876



17.9893, 19.3502, 23.0368



16.6914, 18.2923, 52.0856



1.7277, 1.9860, 5.1056

Previews

White Background



This preview shows how the XYZ color 69.5730, 66.0118, 48.1044 looks on a white background.

Color Contrast Check

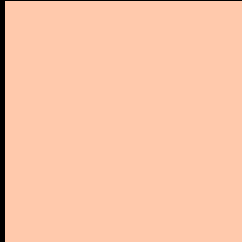
Large Text (above 18pt) WCAG AA × Fail

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 69.5730, 66.0118, 48.1044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

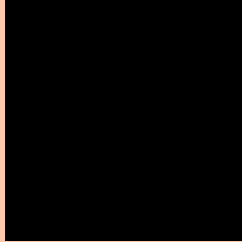
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5730, 66.0118, 48.1044

Background



This preview shows how black text looks on a background with the XYZ color 69.5730, 66.0118, 48.1044.



This preview shows how white text looks on a background with the XYZ color 69.5730, 66.0118,

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

69.5730, 66.0118, 48.1044

Protanopia

62.2198, 66.1086, 51.0759

Deuteranopia

67.3013, 65.9002, 47.7009



Tritanopia

72.9641, 65.8957, 70.5015

Trichromacy



Original Color

69.5730, 66.0118, 48.1044

Protanomaly

64.5547, 65.8691, 49.8690

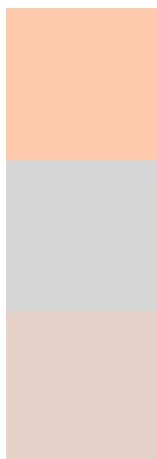
Deuteranomaly

68.1310, 65.9761, 47.6719

Tritanomaly

71.5121, 65.6794, 61.7316

Monochromacy



Original Color

69.5730, 66.0118, 48.1044

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.4224, 66.3825, 63.3978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5730, 66.0118, 48.1044 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 172) }
```

Border

The CSS property to change the border of an element to XYZ 69.5730, 66.0118, 48.1044 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, 172) }
```


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

```
.border{ border-color:rgb(255, 201, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5730, 66.0118, 48.1044 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, 172) }
```

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

```
.background{ background-color: rgb(255,  
201, 172) }
```

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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