

Converting Colors

XYZ(67.9202, 66.3855, 46.4941)

Have a look what the booklet for
XYZ(67.9202, 66.3855, 46.4941)
contains.

XYZ(67.7277, 66.1526, 46.2449)	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(67.7277, 66.1526,
46.2449)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CCA8
RGB	249, 204, 168
RGB Percent	98%, 80%, 66%
CMY	0.0235, 0.2000, 0.3412
CMYK	0.00, 0.18, 0.33, 0.02
HSL	27°, 87%, 82%
HSV	27°, 33%, 98%
XYZ	67.7277, 66.1526, 46.2449
YIQ	213.3510, 38.3760, -1.6560

Conversions

Conversions Part 2

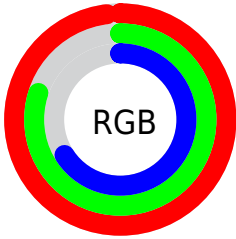
Format	Color
R _Y B	249, 233, 168
Decimal	16370856
CIE Lab	85.07, 10.93, 23.93
CIE LCh	85, 26.307, 65.453
Yxy	66.1526, 0.3760, 0.3673
Android (android.graphics.Color)	4294560936 (0xFFF9CCA8)
YUV	213.3510, -22.3580, 31.2642
Hunter-Lab	81.3342, 6.3035, 23.2230

Details

The XYZ color **67.7277, 66.1526, 46.2449** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.0410, 62.7510, 98.7285**, and the grayscale version is **63.6093, 66.9220, 72.8780**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **35.5446, 34.1500, 21.2412** is the 20% darker color. If you saturate the color by 10%, you get **62.4839, 59.0285, 34.1274**, and if you desaturate by 10%, it is **73.7111, 74.0445, 60.8017**.

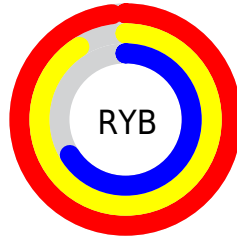
Distribution



Red (98%)

Green (80%)

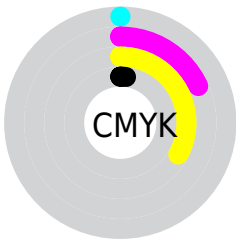
Blue (66%)



Red (98%)

Yellow (91%)

Blue (66%)

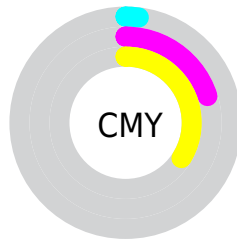


Cyan (0%)

Magenta (18%)

Yellow (33%)

Black (2%)



Cyan (2%)

Magenta (20%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7277, 66.1526, 46.2449 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 67.7277, 66.1526, 46.2449 by changing the saturation by 10% instead.

67.7277, 66.1526,
46.2449

67.7277, 66.1526,
46.2449

441.9225,
446.9224, 388.0985

49.9491, 48.3963,
32.0891

115.0066,
113.7053, 85.9235

35.5906, 34.1408,
21.1642

145.2375,
144.2705, 112.2834

24.2868, 23.0018,
13.0516

180.3500,
179.8742, 143.5484

15.6724, 14.5948,
7.3330

220.7094,
220.9006, 180.1370

9.3820, 8.5355,
3.5896

266.6809,
267.7343, 222.4677

5.0503, 4.4395,
1.4030

318.6301,

2.3119, 1.9223,

320.7595, 270.9592

0.1441

376.9222,
380.3608, 326.0300

0.8007, 0.5617,
0.0000

0.0000, 0.0000,
0.0000

67.7277, 66.1526,
46.2449

67.7277, 66.1526,
46.2449

62.4839, 59.0285,
34.1274

73.7111, 74.0445,
60.8017

57.9416, 52.6378,
24.3087

80.4597, 82.7189,
77.9194

54.0667, 46.9565,
16.6400

88.0040, 92.2016,
97.7165

50.8194, 41.9555,
10.9531

92.8770, 98.8798,
108.7983

■ 48.1550, 37.6033,
7.0542

■ 46.0204, 33.8640,
4.7093

■ 44.7169, 31.4395,
3.7116

Harmonies

Analogous

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



72.6182, 66.1526, 54.7166



67.7277, 66.1526, 46.2449



61.7999, 66.1526, 44.1917

Triad

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



67.7277, 66.1526, 46.2449



52.2055, 66.1526, 75.1733



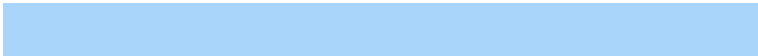
69.7167, 66.1526, 102.0028

Complementary

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



67.7277, 66.1526, 46.2449



57.0410, 62.7510, 98.7285

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.



63.9646, 66.1526, 109.6258



67.7277, 66.1526, 46.2449



54.0467, 66.1526, 92.6547

Square

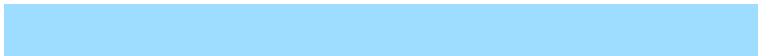
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7277, 66.1526, 46.2449



53.0741, 66.1526, 59.3092



58.2618, 66.1526, 105.9618



73.8161, 66.1526, 86.4485

Rectangle

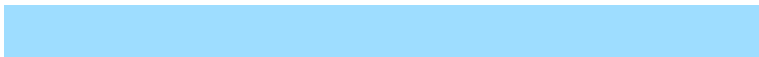
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7277, 66.1526, 46.2449



58.1070, 66.1526, 46.4072



58.2618, 66.1526, 105.9618



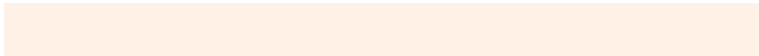
67.8992, 66.1526, 105.6803

Sweetspot

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



67.7294, 66.1557, 46.2463



86.8592, 89.7580, 87.2424



65.1949, 52.9957, 70.3451



18.3598, 18.9187, 18.0717



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.



67.7294, 66.1557, 46.2463



67.8006, 64.8408, 40.1951



78.3656, 87.4281, 49.7917



17.8797, 18.4952, 18.0900



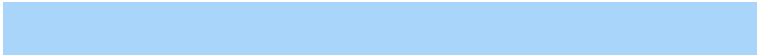
24.0728, 17.1023, 2.0323



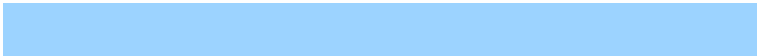
2.3334, 1.7917, 0.2228

Inverse Universe

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



57.0410, 62.7510, 98.7285



54.9164, 60.7292, 103.4353



48.2685, 45.2060, 95.8044



17.0827, 18.2421, 22.0060



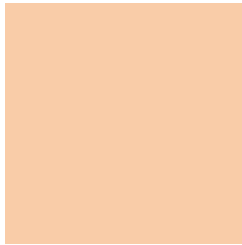
14.1862, 13.7279, 49.8756



1.4196, 1.4829, 4.6546

Previews

White Background



This preview shows how the XYZ color 67.7277, 66.1526, 46.2449 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 67.7277, 66.1526, 46.2449 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 67.7277, 66.1526, 46.2449

Background



This preview shows how black text looks on a background with the XYZ color 67.7277, 66.1526, 46.2449.



This preview shows how white text looks on a background with the XYZ color 67.7277, 66.1526,

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

67.7277, 66.1526, 46.2449

Protanopia

62.3539, 66.2343, 48.5278

Deuteranopia

67.3721, 65.9693, 46.2282



Tritanopia

73.0774, 66.2631, 71.8893

Trichromacy



Original Color

67.7277, 66.1526, 46.2449

Protanomaly

64.0828, 66.0336, 47.8963

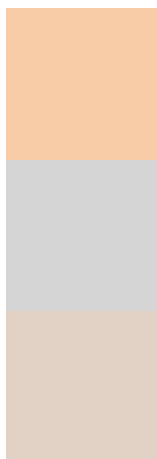
Deuteranomaly

67.3721, 65.9693, 46.2282

Tritanomaly

70.8772, 66.0352, 61.8338

Monochromacy



Original Color

67.7277, 66.1526, 46.2449

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.4887, 66.2932, 62.2203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7277, 66.1526, 46.2449 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(249, 204, 168)` looks like.

```
.text, #text, p{  
    color:rgb(249, 204, 168)  
}
```

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(249, 204, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 204, 168) }
```

Border

The CSS property to change the border of an element to XYZ 67.7277, 66.1526, 46.2449 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(249, 204, 168) }
```


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

```
.border{ border-color:rgb(249, 204, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 204, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 204, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 204, 168);  
box-shadow:4px 4px 4px 4px rgb(249, 204,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7277, 66.1526, 46.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 204, 168) }
```

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

```
.background{ background-color: rgb(249,  
204, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor