

Converting Colors

XYZ(66.7569, 63.5568, 45.1118)

Have a look what the booklet for
XYZ(66.7569, 63.5568, 45.1118)
contains.

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Color

**XYZ(66.9528, 63.6874,
45.3233)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC6A7
RGB	251, 198, 167
RGB Percent	98%, 78%, 65%
CMY	0.0157, 0.2235, 0.3451
CMYK	0.00, 0.21, 0.33, 0.02
HSL	22°, 91%, 82%
HSV	22°, 33%, 98%
XYZ	66.9528, 63.6874, 45.3233
YIQ	210.3130, 41.5390, 1.5950

Conversions

Conversions Part 2

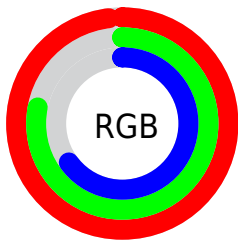
Format	Color
R _Y B	251, 216, 167
Decimal	16500391
CIE Lab	83.80, 14.70, 22.74
CIE LCh	84, 27.080, 57.123
Yxy	63.6874, 0.3805, 0.3619
Android (android.graphics.Color)	4294690471 (0xFFFB6A7)
YUV	210.3130, -21.3533, 35.6825
Hunter-Lab	79.8044, 10.0969, 22.1905

Details

The XYZ color **66.9528, 63.6874, 45.3233** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.9413, 66.3647, 100.9701**, and the grayscale version is **61.5824, 64.7895, 70.5558**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **35.0601, 32.5218, 20.6491** is the 20% darker color. If you saturate the color by 10%, you get **61.4218, 55.9853, 33.1214**, and if you desaturate by 10%, it is **73.3159, 72.3326, 60.0256**.

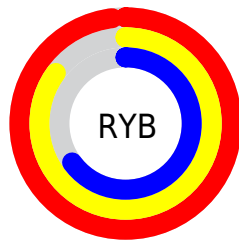
Distribution



Red (98%)

Green (78%)

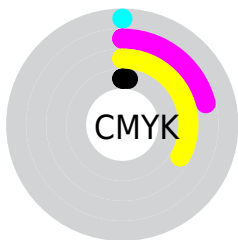
Blue (65%)



Red (98%)

Yellow (85%)

Blue (65%)

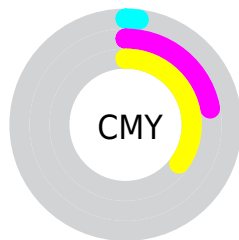


Cyan (0%)

Magenta (21%)

Yellow (33%)

Black (2%)



Cyan (2%)


Magenta (22%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.9528, 63.6874, 45.3233 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 66.9528, 63.6874, 45.3233 by changing the saturation by 10% instead.


 66.9528, 63.6874,
45.3233


 66.9528, 63.6874,
45.3233


439.2119,
438.0599, 384.2796

 49.3168, 46.3975,
31.3674


 113.9029,
110.1606, 84.5289

 35.0864, 32.5596,
20.6179


 143.9478,
140.1128, 110.6157

 23.8963, 21.7893,
12.6565


178.8597,
175.0544, 141.5831

 15.3810, 13.7022,
7.0645

219.0040,
215.3701, 177.8498

 9.1753, 7.9138,
3.4234

264.7460,
261.4440, 219.8343

 4.9137, 4.0398,
1.3147

316.4511,

 2.2310, 1.6959,

313.6607, 267.9550

0.0738

374.4846,
372.4046, 322.6306

■ 0.7590, 0.4210,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.9528, 63.6874,
45.3233

■ 66.9528, 63.6874,
45.3233

■ 61.4218, 55.9853,
33.1214

■ 73.3159, 72.3326,
60.0256

■ 56.6803, 49.1836,
23.2745

■ 80.5414, 81.9435,
77.3549

■ 52.6888, 43.2494,
15.6279

■ 88.6637, 92.5535,
97.4337

■ 49.4022, 38.1443,
10.0065

■ 93.5937, 99.2493,
108.8318

■ 46.7693, 33.8260,
6.2081

■ 44.7299, 30.2472,
3.9869

■ 43.6671, 28.2761,
3.1563

Harmonies

Analogous

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



71.2879, 63.6874, 55.4642



66.9528, 63.6874, 45.3233



61.1085, 63.6874, 41.5172

Triad

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



66.9528, 63.6874, 45.3233



49.8187, 63.6874, 67.7146



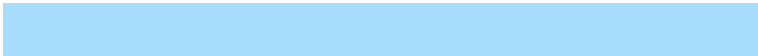
65.8956, 63.6874, 102.7550

Complementary

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



66.9528, 63.6874, 45.3233



58.9413, 66.3647, 100.9701

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.



59.9610, 63.6874, 107.4507



66.9528, 63.6874, 45.3233



50.9180, 63.6874, 85.3670

Square

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



66.9528, 63.6874, 45.3233



51.4310, 63.6874, 53.0480



54.5372, 63.6874, 100.6342



70.6500, 63.6874, 88.6779

Rectangle

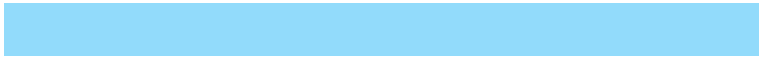
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.9528, 63.6874, 45.3233



57.2292, 63.6874, 42.5268



54.5372, 63.6874, 100.6342



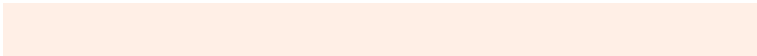
63.9615, 63.6874, 105.5738

Sweetspot

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



66.9544, 63.6904, 45.3246



86.2936, 88.6268, 87.0538



66.5476, 53.3252, 74.6350



18.2233, 18.6458, 18.0262



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.



66.9544, 63.6904, 45.3246



65.5442, 60.6687, 38.3927



77.8603, 85.5020, 48.9599



17.7693, 18.2744, 18.0532



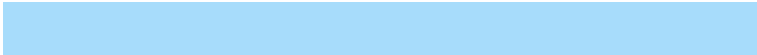
23.0803, 15.1173, 1.7015



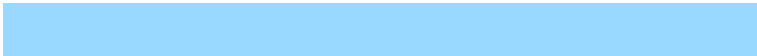
2.2351, 1.5951, 0.1901

Inverse Universe

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



58.9413, 66.3647, 100.9701



56.0902, 63.7991, 103.9659



49.3098, 47.1017, 97.7596



17.1958, 18.4684, 22.0437



15.7554, 16.8664, 50.3987



1.5605, 1.7647, 4.7015

Previews

White Background



This preview shows how the XYZ color 66.9528, 63.6874, 45.3233 looks on a white background.

Color Contrast Check

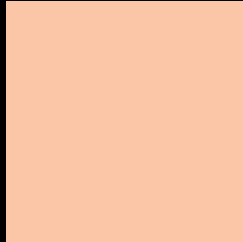
Large Text (above 18pt) WCAG AA × Fail

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 66.9528, 63.6874, 45.3233 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 66.9528, 63.6874, 45.3233

Background



This preview shows how black text looks on a background with the XYZ color 66.9528, 63.6874, 45.3233.



This preview shows how white text looks on a background with the XYZ color 66.9528, 63.6874,

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

66.9528, 63.6874, 45.3233

Protanopia

60.0657, 63.9516, 48.2078

Deuteranopia

65.0778, 63.7596, 44.9532



Tritanopia

71.3521, 63.4643, 67.5206

Trichromacy



Original Color

66.9528, 63.6874, 45.3233

Protanomaly

62.3657, 63.7207, 47.0425

Deuteranomaly

65.8950, 63.8359, 44.9249

Tritanomaly

69.6793, 63.4602, 58.4457

Monochromacy



Original Color

66.9528, 63.6874, 45.3233

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.8602, 64.0452, 60.0878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9528, 63.6874, 45.3233 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(251, 198, 167)` looks like.

```
.text, #text, p{  
    color:rgb(251, 198, 167)  
}
```

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(251, 198, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 198, 167) }
```

Border

The CSS property to change the border of an element to XYZ 66.9528, 63.6874, 45.3233 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(251, 198, 167) }
```


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

```
.border{ border-color:rgb(251, 198, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 198, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 198, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 198, 167);  
box-shadow:4px 4px 4px 4px rgb(251, 198,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9528, 63.6874, 45.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 198, 167) }
```

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

```
.background{ background-color: rgb(251,  
198, 167) }
```

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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