

Converting Colors

XYZ(66.5679, 67.4876, 45.2299)

Have a look what the booklet for
XYZ(66.5679, 67.4876, 45.2299)
contains.

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Color

**XYZ(66.5541, 67.3722,
45.0937)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D1A5
RGB	243, 209, 165
RGB Percent	95%, 82%, 65%
CMY	0.0471, 0.1804, 0.3529
CMYK	0.00, 0.14, 0.32, 0.05
HSL	34°, 76%, 80%
HSV	34°, 32%, 95%
XYZ	66.5541, 67.3722, 45.0937
YIQ	214.1500, 34.3880, -6.4760

Conversions

Conversions Part 2

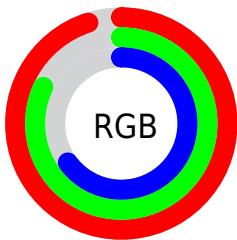
Format	Color
R _Y B	225, 243, 165
Decimal	15978917
CIE Lab	85.69, 5.67, 26.25
CIE LCh	86, 26.858, 77.805
Yxy	67.3722, 0.3718, 0.3763
Android (android.graphics.Color)	4294168997 (0xFFFF3D1A5)
YUV	214.1500, -24.2309, 25.3015
Hunter-Lab	82.0806, 1.0937, 24.8835

Details

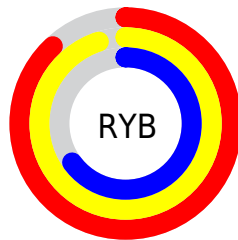
The XYZ color **66.5541, 67.3722, 45.0937** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.1176, 55.3155, 92.7241**, and the grayscale version is **64.1608, 67.5021, 73.5098**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **34.9517, 35.0740, 20.5506** is the 20% darker color. If you saturate the color by 10%, you get **62.0369, 61.5473, 33.6933**, and if you desaturate by 10%, it is **71.6678, 73.7169, 58.7676**.

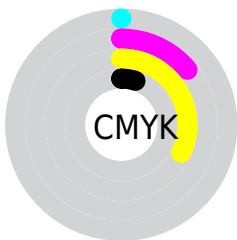
Distribution



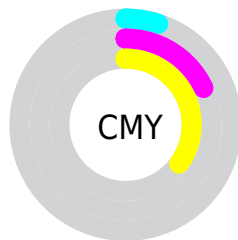
- Red (95%)
- Green (82%)
- Blue (65%)



- Red (88%)
- Yellow (95%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5541, 67.3722, 45.0937 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 66.5541, 67.3722, 45.0937 by changing the saturation by 10% instead.


 66.5541, 67.3722,
45.0937


 66.5541, 67.3722,
45.0937


437.8134,
451.2685, 383.3241

 48.9917, 49.3872,
31.1878


 113.3346,
115.4536, 84.1809

 34.8274, 34.9267,
20.4822

 143.2834,
146.3187, 110.1993

 23.6958, 23.6064,
12.5585


178.0917,
182.2460, 141.0922

 15.2317, 15.0419,
6.9981

218.1249,
223.6198, 177.2783

 9.0695, 8.8488,
3.3825

263.7483,
270.8246, 219.1759

 4.8440, 4.6427,
1.2931

315.3273,

 2.1898, 2.0392,

324.2447, 267.2037

0.0561

373.2272,
384.2645, 321.7803

■ 0.7374, 0.6301,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.5541, 67.3722,
45.0937

■ 66.5541, 67.3722,
45.0937

■ 62.0369, 61.5473,
33.6933

■ 71.6678, 73.7169,
58.7676

■ 58.0838, 56.2166,
24.4354

■ 77.3980, 80.5874,
74.8277

■ 54.6668, 51.3660,
17.1820

■ 83.7700, 88.0013,
93.3842

■ 51.7530, 46.9766,
11.7769

■ 89.6247, 95.4997,
108.3173

■ 49.3048, 43.0275,
8.0406

■ 90.7722, 97.7947,
108.6998

■ 47.2776, 39.4947,
5.7566

■ 45.9211, 36.9726,
4.7161

Harmonies

Analogous

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



72.2712, 67.3722, 51.1087



66.5541, 67.3722, 45.0937



60.5030, 67.3722, 45.7139

Triad

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



66.5541, 67.3722, 45.0937



53.4691, 67.3722, 84.1554



73.1578, 67.3722, 98.4088

Complementary

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



66.5541, 67.3722, 45.0937



52.1176, 55.3155, 92.7241

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.



67.7024, 67.3722, 110.3622



66.5541, 67.3722, 45.0937



56.4501, 67.3722, 101.2739

Square

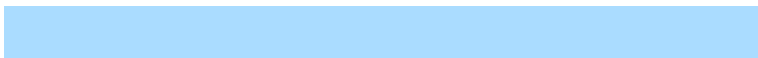
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.5541, 67.3722, 45.0937



53.2052, 67.3722, 66.4636



61.5808, 67.3722, 111.4872



76.2435, 67.3722, 80.7110

Rectangle

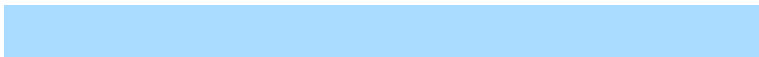
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.5541, 67.3722, 45.0937



57.0875, 67.3722, 49.8152



61.5808, 67.3722, 111.4872



71.5250, 67.3722, 103.3460

Sweetspot

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



66.5558, 67.3753, 45.0951



87.7693, 91.5781, 87.5457



60.8548, 50.1405, 61.1762



18.5798, 19.3587, 18.1450



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.



66.5558, 67.3753, 45.0951



70.6605, 70.5606, 41.1484



74.4727, 85.1860, 48.1156



17.2749, 18.0340, 17.3680



25.3398, 20.5652, 2.6339



2.3293, 2.0118, 0.2655

Inverse Universe

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



52.1176, 55.3155, 92.7241



52.0722, 55.0409, 102.4872



45.9743, 41.8062, 90.4403



16.1753, 17.1149, 20.9935



11.8310, 9.4557, 47.7396



1.1401, 1.0317, 4.2293

Previews

White Background



This preview shows how the XYZ color 66.5541, 67.3722, 45.0937 looks on a white background.

Color Contrast Check

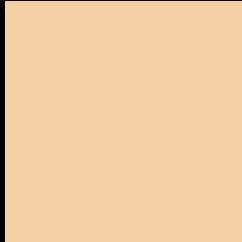
Large Text (above 18pt) WCAG AA × Fail

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 66.5541, 67.3722, 45.0937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

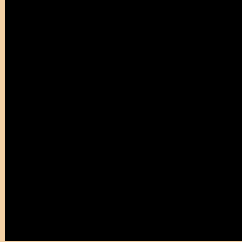
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5541, 67.3722, 45.0937

Background



This preview shows how black text looks on a background with the XYZ color 66.5541, 67.3722, 45.0937.



This preview shows how white text looks on a background with the XYZ color 66.5541, 67.3722,

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

66.5541, 67.3722, 45.0937

Protanopia

63.0165, 67.3771, 46.2430

Deuteranopia

68.7379, 67.4050, 45.4640



Tritanopia

72.8423, 67.4428, 75.5082

Trichromacy



Original Color

66.5541, 67.3722, 45.0937

Protanomaly

64.0307, 67.1638, 45.6655

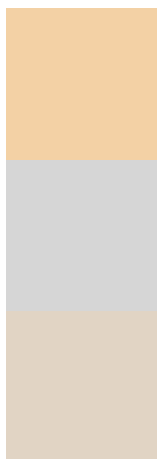
Deuteranomaly

67.9072, 67.3353, 45.4943

Tritanomaly

70.4979, 67.5603, 63.3576

Monochromacy



Original Color

66.5541, 67.3722, 45.0937

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.5586, 67.0800, 61.7697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5541, 67.3722, 45.0937 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(243, 209, 165)` looks like.

```
.text, #text, p{  
    color:rgb(243, 209, 165)  
}
```

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(243, 209, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 209, 165) }
```

Border

The CSS property to change the border of an element to XYZ 66.5541, 67.3722, 45.0937 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(243, 209, 165) }
```


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

```
.border{ border-color:rgb(243, 209, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 209, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 209, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 209, 165); box-shadow:4px 4px 4px 4px rgb(243, 209, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5541, 67.3722, 45.0937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 209, 165) }
```

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

```
.background{ background-color: rgb(243,  
209, 165) }
```

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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