

Converting Colors

XYZ(67.0537, 64.4226, 45.4599)

Have a look what the booklet for
XYZ(67.0537, 64.4226, 45.4599)
contains.

XYZ(67.0537, 64.4226, 45.4599)	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(67.0537, 64.4226,
45.4599)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC8A7
RGB	250, 200, 167
RGB Percent	98%, 78%, 65%
CMY	0.0196, 0.2157, 0.3451
CMYK	0.00, 0.20, 0.33, 0.02
HSL	24°, 89%, 82%
HSV	24°, 33%, 98%
XYZ	67.0537, 64.4226, 45.4599
YIQ	211.1880, 40.3930, 0.3370

Conversions

Conversions Part 2

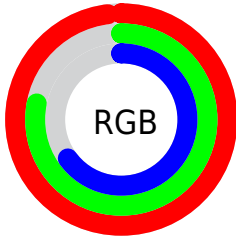
Format	Color
R _Y B	250, 222, 167
Decimal	16435367
CIE Lab	84.19, 13.27, 23.25
CIE LCh	84, 26.774, 60.279
Yxy	64.4226, 0.3790, 0.3641
Android (android.graphics.Color)	4294625447 (0xFFFA8A7)
YUV	211.1880, -21.7847, 34.0381
Hunter-Lab	80.2637, 8.6606, 22.6038

Details

The XYZ color **67.0537, 64.4226, 45.4599** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.0037, 64.7412, 99.8818**, and the grayscale version is **62.1634, 65.4007, 71.2214**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **35.1116, 33.0020, 20.7391** is the 20% darker color. If you saturate the color by 10%, you get **61.6450, 56.9531, 33.3358**, and if you desaturate by 10%, it is **73.2560, 72.7639, 60.0540**.

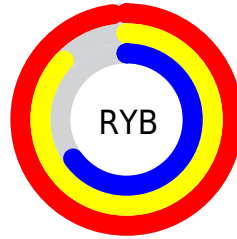
Distribution



Red (98%)

Green (78%)

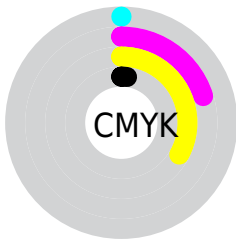
Blue (65%)



Red (98%)

Yellow (87%)

Blue (65%)

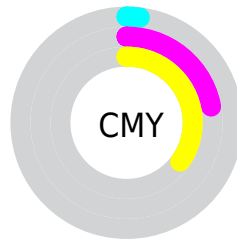


Cyan (0%)

Magenta (20%)

Yellow (33%)

Black (2%)



Cyan (2%)

Magenta (22%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0537, 64.4226, 45.4599 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 67.0537, 64.4226, 45.4599 by changing the saturation by 10% instead.


 67.0537, 64.4226,
45.4599


 67.0537, 64.4226,
45.4599

439.5654,
440.7141, 384.8473

 49.3991, 46.9930,
31.4742


 114.0467,
111.2193, 84.7359

 35.1520, 33.0302,
20.6988


 144.1159,
141.3553, 110.8632

 23.9471, 22.1495,
12.7149


179.0540,
176.4955, 141.8750

 15.4189, 13.9668,
7.1041

219.2263,
217.0243, 178.1895

 9.2021, 8.0976,
3.4479

264.9982,
263.3262, 220.2255

 4.9314, 4.1575,
1.3276

316.7352,

 2.2414, 1.7620,

315.7856, 268.4014

0.0843

374.8024,
374.7867, 323.1359

■ 0.7644, 0.4633,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.0537, 64.4226,
45.4599

■ 67.0537, 64.4226,
45.4599

■ 61.6450, 56.9531,
33.3358

■ 73.2560, 72.7639,
60.0540

■ 56.9893, 50.3163,
23.5385

■ 80.2803, 81.9964,
77.2425

■ 53.0494, 44.4830,
15.9157

■ 88.1593, 92.1501,
97.1460

■ 49.7823, 39.4188,
10.2952

■ 93.2344, 99.0640,
108.8150

■ 47.1397, 35.0859,
6.4784

■ 45.0643, 31.4419,
4.2241

■ 43.9255, 29.3263,
3.3454

Harmonies

Analogous

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



71.6035, 64.4226, 54.9505



67.0537, 64.4226, 45.4599



61.1763, 64.4226, 42.3218

Triad

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



67.0537, 64.4226, 45.4599



50.5340, 64.4226, 70.3043



67.1558, 64.4226, 102.2528

Complementary

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



67.0537, 64.4226, 45.4599



58.0037, 64.7412, 99.8818

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.



61.2872, 64.4226, 108.0804



67.0537, 64.4226, 45.4599



51.9133, 64.4226, 87.9108

Square

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



67.0537, 64.4226, 45.4599



51.8636, 64.4226, 55.1847



55.7569, 64.4226, 102.4572



71.6651, 64.4226, 87.5913

Rectangle

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



67.0537, 64.4226, 45.4599



57.3685, 64.4226, 43.7817



55.7569, 64.4226, 102.4572



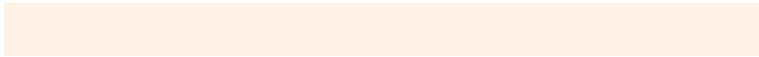
65.2647, 64.4226, 105.4061

Sweetspot

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



67.0554, 64.4256, 45.4612



86.5071, 89.0536, 87.1250



65.9224, 53.0337, 73.2181



18.2748, 18.7487, 18.0434



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

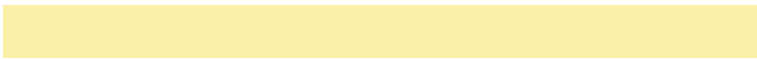
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.0554, 64.4256, 45.4612



66.1839, 61.9482, 38.6059



77.6531, 85.6211, 48.9938



17.8110, 18.3578, 18.0671



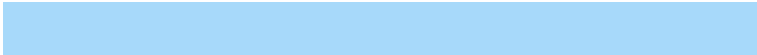
23.4305, 15.8177, 1.8182



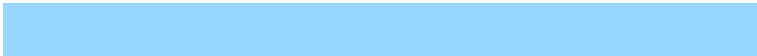
2.2704, 1.6657, 0.2018

Inverse Universe

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



58.0037, 64.7412, 99.8818



55.3448, 62.3081, 103.7174



48.8520, 46.4377, 96.8312



17.1528, 18.3825, 22.0294



15.1321, 15.6198, 50.1909



1.5050, 1.6537, 4.6831

Previews

White Background



This preview shows how the XYZ color 67.0537, 64.4226, 45.4599 looks on a white background.

Color Contrast Check

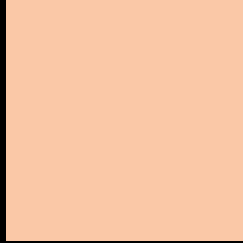
Large Text (above 18pt) WCAG AA × Fail

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 67.0537, 64.4226, 45.4599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

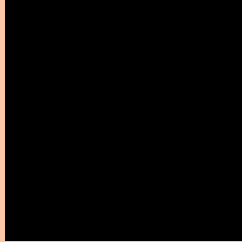
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0537, 64.4226, 45.4599

Background



This preview shows how black text looks on a background with the XYZ color 67.0537, 64.4226, 45.4599.



This preview shows how white text looks on a background with the XYZ color 67.0537, 64.4226,

45.4599.

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

67.0537, 64.4226, 45.4599

Protanopia

60.9244, 64.7597, 48.3185

Deuteranopia

65.7518, 64.4436, 45.5326



Tritanopia

71.6735, 64.2579, 68.9470

Trichromacy



Original Color

67.0537, 64.4226, 45.4599

Protanomaly

62.9313, 64.3685, 47.1377

Deuteranomaly

66.2195, 64.3375, 45.4874

Tritanomaly

69.9855, 64.2575, 59.7532

Monochromacy



Original Color

67.0537, 64.4226, 45.4599

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.2145, 64.5733, 60.7619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0537, 64.4226, 45.4599 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(250, 200, 167)` looks like.

```
.text, #text, p{  
    color:rgb(250, 200, 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(250, 200, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 200, 167) }
```

Border

The CSS property to change the border of an element to XYZ 67.0537, 64.4226, 45.4599 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(250, 200, 167) }
```


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

```
.border{ border-color:rgb(250, 200, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 200, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 200, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 200, 167);  
box-shadow:4px 4px 4px 4px rgb(250, 200,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0537, 64.4226, 45.4599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 200, 167) }
```

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

```
.background{ background-color: rgb(250,  
200, 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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