

Converting Colors

XYZ(65.1302, 64.9555, 45.2697)

Have a look what the booklet for
XYZ(65.1302, 64.9555, 45.2697)
contains.

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Color

**XYZ(65.0937, 64.8162,
45.1564)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CCA6
RGB	242, 204, 166
RGB Percent	95%, 80%, 65%
CMY	0.0510, 0.2000, 0.3490
CMYK	0.00, 0.16, 0.31, 0.05
HSL	30°, 75%, 80%
HSV	30°, 31%, 95%
XYZ	65.0937, 64.8162, 45.1564
YIQ	211.0300, 34.8460, -3.7620

Conversions

Conversions Part 2

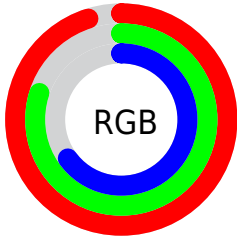
Format	Color
RYB	242, 242, 166
Decimal	15912102
CIELab	84.39, 8.02, 23.94
CIELCh	84, 25.243, 71.484
Yxy	64.8162, 0.3718, 0.3702
Android (android.graphics.Color)	4294102182 (0xFFFF2CCA6)
YUV	211.0300, -22.1998, 27.1607
Hunter-Lab	80.5085, 3.4331, 23.1008

Details

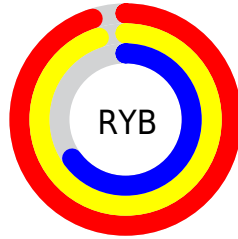
The XYZ color **65.0937, 64.8162, 45.1564** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.3450, 57.7015, 92.3302**, and the grayscale version is **62.0641, 65.2962, 71.1076**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **33.9512, 33.3419, 20.5658** is the 20% darker color. If you saturate the color by 10%, you get **60.3150, 58.4832, 33.6227**, and if you desaturate by 10%, it is **70.5169, 71.7691, 58.9671**.

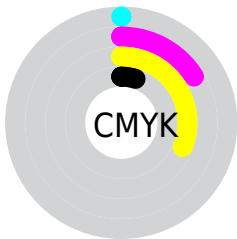
Distribution



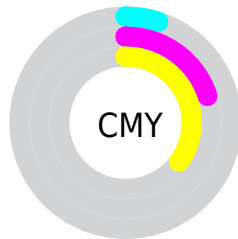
- Red (95%)
- Green (80%)
- Blue (65%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0937, 64.8162, 45.1564 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 65.0937, 64.8162, 45.1564 by changing the saturation by 10% instead.


 65.0937, 64.8162,
45.1564

 65.0937, 64.8162,
45.1564


432.6685,
442.1312, 383.5852

 47.8020, 47.3121,
31.2368


 111.2495,
111.7856, 84.2760

 33.8807, 33.2824,
20.5192

 140.8444,
142.0196, 110.3131

 22.9645, 22.3429,
12.5852


175.2710,
177.2657, 141.2263

 14.6878, 14.1091,
7.0162

214.8948,
217.9083, 177.4344

 8.6855, 8.1966,
3.3936

260.0811,
264.3317, 219.3558

 4.5921, 4.2210,
1.2990

311.1953,

 2.0422, 1.7979,

316.9204, 267.4090

0.0609

368.6026,
376.0588, 322.0126

■ 0.6575, 0.4859,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0937, 64.8162,
45.1564

■ 65.0937, 64.8162,
45.1564

■ 60.3150, 58.4832,
33.6227

■ 70.5169, 71.7691,
58.9671

■ 56.1472, 52.7416,
24.2366

■ 76.6061, 79.3513,
75.1665

■ 52.5610, 47.5736,
16.8618

■ 83.3879, 87.5833,
93.8635

■ 49.5220, 42.9568,
11.3445

■ 89.6038, 95.9691,
108.4090

46.9916, 38.8666,
7.5081

90.4279, 97.6172,
108.6837

44.9238, 35.2754,
5.1410

43.4574, 32.5562,
3.9935

Harmonies

Analogous

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



70.0412, 64.8162, 52.0321



65.0937, 64.8162, 45.1564



59.4841, 64.8162, 44.4324

Triad

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



65.0937, 64.8162, 45.1564



51.6324, 64.8162, 76.9017



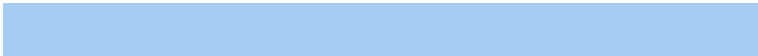
69.0274, 64.8162, 96.3257

Complementary

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



65.0937, 64.8162, 45.1564



53.3450, 57.7015, 92.3302

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.



63.7775, 64.8162, 105.3652



65.0937, 64.8162, 45.1564



53.8765, 64.8162, 93.0677

Square

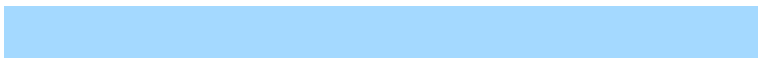
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.0937, 64.8162, 45.1564



51.9372, 64.8162, 61.2149



58.2449, 64.8162, 104.0898



72.4056, 64.8162, 80.8412

Rectangle

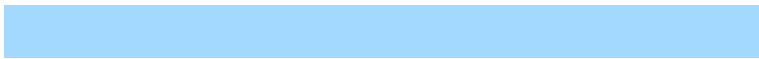
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.0937, 64.8162, 45.1564



56.1447, 64.8162, 47.3804



58.2449, 64.8162, 104.0898



67.4101, 64.8162, 100.3175

Sweetspot

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



65.0954, 64.8192, 45.1577



88.0210, 91.5059, 89.4044



61.1536, 50.5100, 63.6535



18.6099, 19.3042, 18.5086



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.



65.0954, 64.8192, 45.1577



69.6258, 68.1433, 41.8762



75.2531, 85.1346, 48.5436



16.4259, 17.0649, 16.5778



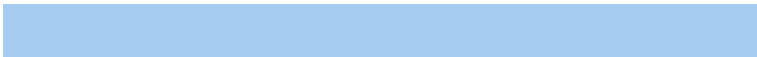
23.4825, 17.7630, 2.1909



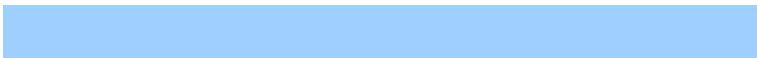
2.0530, 1.6767, 0.2154

Inverse Universe

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



53.3450, 57.7015, 92.3302



54.3725, 58.9038, 103.1116



45.3898, 41.7911, 89.6785



15.5502, 16.5344, 20.0935



12.4185, 11.0613, 46.6084



1.1326, 1.1192, 3.9105

Previews

White Background



This preview shows how the XYZ color 65.0937, 64.8162, 45.1564 looks on a white background.

Color Contrast Check

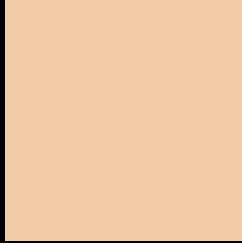
Large Text (above 18pt) WCAG AA × Fail

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 65.0937, 64.8162, 45.1564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

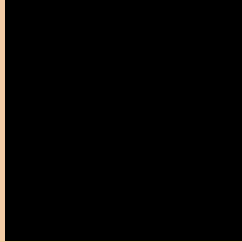
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0937, 64.8162, 45.1564

Background



This preview shows how black text looks on a background with the XYZ color 65.0937, 64.8162, 45.1564.



This preview shows how white text looks on a background with the XYZ color 65.0937, 64.8162,

45.1564.

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

65.0937, 64.8162, 45.1564

Protanopia

60.9485, 64.8051, 46.8324

Deuteranopia

66.0095, 64.5871, 45.0639



Tritanopia

70.5621, 64.9664, 71.7715

Trichromacy



Original Color

65.0937, 64.8162, 45.1564

Protanomaly

62.5788, 64.9278, 46.2799

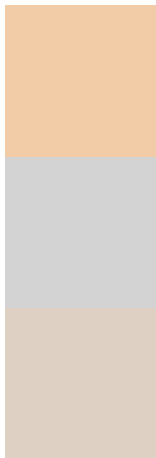
Deuteranomaly

65.8951, 64.8775, 45.1260

Tritanomaly

68.2743, 64.7066, 61.1157

Monochromacy



Original Color

65.0937, 64.8162, 45.1564

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.5304, 64.5815, 60.7995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0937, 64.8162, 45.1564 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(242, 204, 166)` looks like.

```
.text, #text, p{  
    color:rgb(242, 204, 166)  
}
```

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(242, 204, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 204, 166) }
```

Border

The CSS property to change the border of an element to XYZ 65.0937, 64.8162, 45.1564 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(242, 204, 166) }
```


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

```
.border{ border-color:rgb(242, 204, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 204, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 204, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 204, 166);  
box-shadow:4px 4px 4px 4px rgb(242, 204,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0937, 64.8162, 45.1564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 204, 166) }
```

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

```
.background{ background-color: rgb(242,  
204, 166) }
```

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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