

Converting Colors

XYZ(63.5777, 64.5234, 37.1561)

Have a look what the booklet for
XYZ(63.5777, 64.5234, 37.1561)
contains.

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Color

**XYZ(63.4522, 64.5015,
37.1227)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CD94
RGB	241, 205, 148
RGB Percent	95%, 80%, 58%
CMY	0.0549, 0.1961, 0.4196
CMYK	0.00, 0.15, 0.39, 0.05
HSL	37°, 77%, 76%
HSV	37°, 39%, 95%
XYZ	63.4522, 64.5015, 37.1227
YIQ	209.2660, 39.7530, -10.0950

Conversions

Conversions Part 2

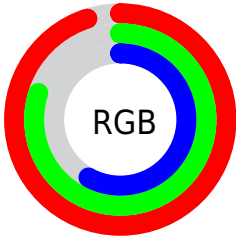
Format	Color
R _Y B	207, 241, 148
Decimal	15846804
CIE Lab	84.23, 4.98, 33.08
CIE LCh	84, 33.457, 81.437
Yxy	64.5015, 0.3844, 0.3907
Android (android.graphics.Color)	4294036884 (0xFFF1CD94)
YUV	209.2660, -30.2041, 27.8307
Hunter-Lab	80.3128, 0.4788, 28.8136

Details

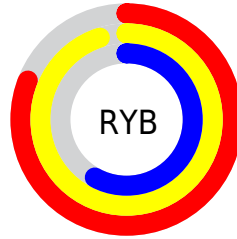
The XYZ color **63.4522, 64.5015, 37.1227** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.2298, 46.9261, 89.8927**, and the grayscale version is **60.9523, 64.1266, 69.8338**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **32.7527, 33.0636, 15.9649** is the 20% darker color. If you saturate the color by 10%, you get **59.5750, 59.4885, 27.3788**, and if you desaturate by 10%, it is **67.8629, 69.9455, 49.0051**.

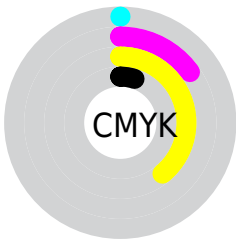
Distribution



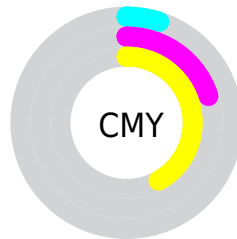
- Red (95%)
- Green (80%)
- Blue (58%)



- Red (81%)
- Yellow (95%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (39%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4522, 64.5015, 37.1227 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 63.4522, 64.5015, 37.1227 by changing the saturation by 10% instead.


 63.4522, 64.5015,
37.1227

 63.4522, 64.5015,
37.1227


426.8424,
440.9984, 349.0261

 46.4672, 47.0570,
25.0060


 108.8998,
111.3329, 71.9499

 32.8208, 33.0807,
15.8624


 138.0930,
141.4885, 95.4974

 22.1478, 22.1883,
9.2736


172.0864,
176.6500, 123.6923

 14.0827, 13.9953,
4.8208

211.2452,
217.2016, 156.9531

 8.2603, 8.1174,
2.0856

255.9349,
263.5279, 195.6984

 4.3152, 4.1702,
0.6072

306.5207,

 1.8819, 1.7692,

316.0132, 240.3466

0.0000

363.3681,
375.0419, 291.3163

■ 0.5663, 0.4679,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4522, 64.5015,
37.1227

■ 63.4522, 64.5015,
37.1227

■ 59.5750, 59.4885,
27.3788

■ 67.8629, 69.9455,
49.0051

■ 56.1992, 54.8829,
19.6378

■ 72.8271, 75.8249,
63.1424

■ 53.2965, 50.6719,
13.7549

■ 78.3697, 82.1556,
79.6471

■ 50.8330, 46.8382,
9.5635

■ 84.5123, 88.9497,
98.6230

■ 48.7690, 43.3617,
6.8669

■ 89.0243, 95.3183,
108.3139

■ 47.0481, 40.2159,
5.3804

■ 90.0856, 97.4407,
108.6677

■ 46.8222, 39.7940,
5.2132

Harmonies

Analogous

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



70.6216, 64.5015, 42.9192



63.4522, 64.5015, 37.1227



56.2469, 64.5015, 38.6919

Triad

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



63.4522, 64.5015, 37.1227



48.9810, 64.5015, 86.2200



73.1324, 64.5015, 98.8536

Complementary

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



63.4522, 64.5015, 37.1227



45.2298, 46.9261, 89.8927

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.



66.6613, 64.5015, 115.4569



63.4522, 64.5015, 37.1227



52.8492, 64.5015, 107.2011

Square

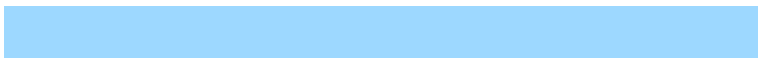
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.4522, 64.5015, 37.1227



48.2728, 64.5015, 64.3305



59.2102, 64.5015, 118.7859



76.4981, 64.5015, 76.4821

Rectangle

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



63.4522, 64.5015, 37.1227



52.3551, 64.5015, 43.8732



59.2102, 64.5015, 118.7859



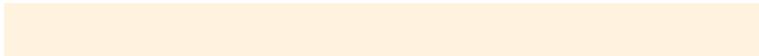
71.2247, 64.5015, 105.4672

Sweetspot

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



63.4538, 64.5045, 37.1240



86.8464, 90.8585, 83.7659



55.6440, 43.3924, 51.4531



18.4103, 19.2443, 17.3963



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.



63.4538, 64.5045, 37.1240



68.7538, 68.9824, 33.6223



69.9821, 82.1543, 40.1867



16.5794, 17.3719, 16.6290



25.5254, 21.8489, 2.8719



2.2196, 2.0100, 0.2710

Inverse Universe

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



45.2298, 46.9261, 89.8927



45.4357, 46.5058, 101.1895



40.4309, 34.7298, 87.7915



15.3989, 16.2319, 20.0431



10.8669, 7.9581, 46.0912



0.9977, 0.8494, 3.8656

Previews

White Background



This preview shows how the XYZ color 63.4522, 64.5015, 37.1227 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 63.4522, 64.5015, 37.1227 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 63.4522, 64.5015, 37.1227

Background



This preview shows how black text looks on a background with the XYZ color 63.4522, 64.5015, 37.1227.



This preview shows how white text looks on a background with the XYZ color 63.4522, 64.5015,

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

63.4522, 64.5015, 37.1227

Protanopia

60.2302, 64.6261, 38.1538

Deuteranopia

65.7358, 64.2672, 37.3739



Tritanopia

70.5613, 64.6424, 71.0456

Trichromacy



Original Color

63.4522, 64.5015, 37.1227

Protanomaly

61.2594, 64.4375, 37.6427

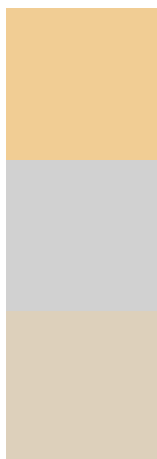
Deuteranomaly

64.9031, 64.1851, 37.4020

Tritanomaly

67.4958, 64.3952, 57.0162

Monochromacy



Original Color

63.4522, 64.5015, 37.1227

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.3443, 64.0718, 56.1476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4522, 64.5015, 37.1227 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(241, 205, 148)` looks like.

```
.text, #text, p{  
    color:rgb(241, 205, 148)  
}
```

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(241, 205, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 205, 148) }
```

Border

The CSS property to change the border of an element to XYZ 63.4522, 64.5015, 37.1227 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(241, 205, 148) }
```


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

```
.border{ border-color:rgb(241, 205, 148) }
```

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

Here you see how a box with a 4 pixel rgb(241, 205, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 205, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 205, 148);  
box-shadow:4px 4px 4px 4px rgb(241, 205,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4522, 64.5015, 37.1227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 205, 148) }
```

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

```
.background{ background-color: rgb(241,  
205, 148) }
```

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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