

Converting Colors

XYZ(64.7827, 65.1079, 39.7896)

Have a look what the booklet for
XYZ(64.7827, 65.1079, 39.7896)
contains.

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Color

**XYZ(64.6262, 65.0504,
39.7217)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CD9A
RGB	243, 205, 154
RGB Percent	95%, 80%, 60%
CMY	0.0471, 0.1961, 0.3961
CMYK	0.00, 0.16, 0.37, 0.05
HSL	34°, 79%, 78%
HSV	34°, 37%, 95%
XYZ	64.6262, 65.0504, 39.7217
YIQ	210.5480, 39.0190, -7.8050

Conversions

Conversions Part 2

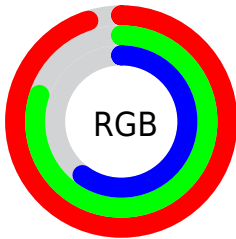
Format	Color
R _Y B	220, 243, 154
Decimal	15977882
CIE Lab	84.51, 6.44, 30.39
CIE LCh	85, 31.061, 78.037
Yxy	65.0504, 0.3815, 0.3840
Android (android.graphics.Color)	4294167962 (0xFFF3CD9A)
YUV	210.5480, -27.8782, 28.4604
Hunter-Lab	80.6538, 1.8841, 27.2576

Details

The XYZ color **64.6262, 65.0504, 39.7217** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.3532, 51.0387, 92.0970**, and the grayscale version is **61.7801, 64.9974, 70.7822**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **33.4725, 33.4068, 17.2543** is the 20% darker color. If you saturate the color by 10%, you get **60.4043, 59.5240, 29.3200**, and if you desaturate by 10%, it is **69.4257, 71.0758, 52.3385**.

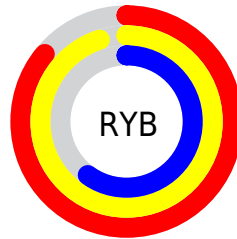
Distribution



Red (95%)

Green (80%)

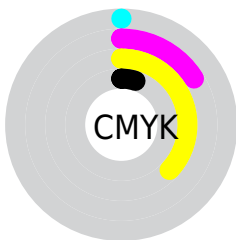
Blue (60%)



Red (86%)

Yellow (95%)

Blue (60%)

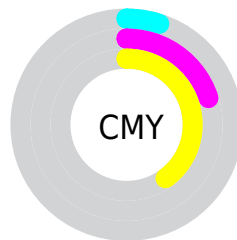


Cyan (0%)

Magenta (16%)

Yellow (37%)

Black (5%)



Cyan (5%)


Magenta (20%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6262, 65.0504, 39.7217 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 64.6262, 65.0504, 39.7217 by changing the saturation by 10% instead.


 64.6262, 65.0504,
39.7217


 64.6262, 65.0504,
39.7217


431.0139,
442.9731, 360.4663

 47.4216, 47.5019,
27.0095


 110.5810,
112.1223, 75.9720

 33.5784, 33.4326,
17.3478

 140.0619,
142.4146, 100.3471

 22.7313, 22.4581,
10.3182


174.3656,
177.7235, 129.4470

 14.5148, 14.1939,
5.5021

213.8575,
218.4336, 163.6902

 8.5637, 8.2556,
2.4809

258.9029,
264.9292, 203.4952

 4.5125, 4.2590,
0.8300

309.8672,

 1.9960, 1.8194,

317.5947, 249.2805

0.0000

367.1158,
376.8146, 301.4647

■ 0.6317, 0.4993,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.6262, 65.0504,
39.7217

■ 64.6262, 65.0504,
39.7217

■ 60.4043, 59.5240,
29.3200

■ 69.4257, 71.0758,
52.3385

■ 56.7269, 54.4714,
20.9974

■ 74.8237, 77.6064,
67.2875

■ 53.5650, 49.8778,
14.6089

■ 80.8460, 84.6598,
84.6821

■ 50.8838, 45.7243,
9.9888

■ 87.5151, 92.2495,
104.6272

■ 48.6434, 41.9890,
6.9435

■ 90.7722, 97.7947,
108.6998

■ 46.7940, 38.6465,
5.2287

■ 46.2327, 37.5958,
4.8200

Harmonies

Analogous

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



71.1536, 65.0504, 46.1161



64.6262, 65.0504, 39.7217



57.8017, 65.0504, 40.4362

Triad

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



64.6262, 65.0504, 39.7217



50.0260, 65.0504, 83.2876



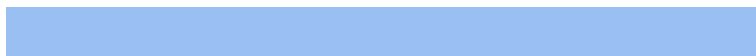
72.2533, 65.0504, 99.4689

Complementary

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



64.6262, 65.0504, 39.7217



48.3532, 51.0387, 92.0970

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.



66.0380, 65.0504, 113.5654



64.6262, 65.0504, 39.7217



53.3559, 65.0504, 103.0901

Square

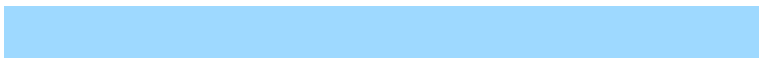
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.6262, 65.0504, 39.7217



49.7101, 65.0504, 63.2239



59.1126, 65.0504, 115.0020



75.7718, 65.0504, 79.0204

Rectangle

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



64.6262, 65.0504, 39.7217



53.9911, 65.0504, 44.8674



59.1126, 65.0504, 115.0020



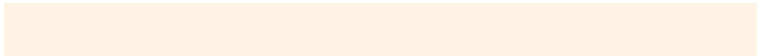
70.3897, 65.0504, 105.2596

Sweetspot

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



64.6278, 65.0534, 39.7230



87.1564, 90.9196, 85.5925



58.0956, 45.9975, 56.0161



18.4598, 19.2317, 17.7564



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.



64.6278, 65.0534, 39.7230



68.5201, 67.9117, 35.4041



72.8309, 84.4504, 43.0347



17.2877, 18.0594, 17.3722



25.5107, 20.9070, 2.6909



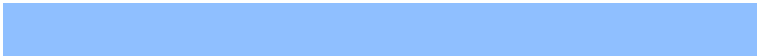
2.3440, 2.0411, 0.2704

Inverse Universe

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



48.3532, 51.0387, 92.0970



47.9083, 50.1722, 101.7669



42.2178, 37.0498, 89.7202



16.1628, 17.0899, 20.9894



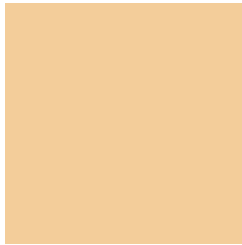
11.7088, 9.2114, 47.6989



1.1288, 1.0090, 4.2255

Previews

White Background



This preview shows how the XYZ color 64.6262, 65.0504, 39.7217 looks on a white background.

Color Contrast Check

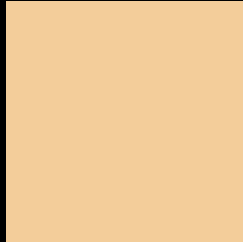
Large Text (above 18pt) WCAG AA × Fail

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 64.6262, 65.0504, 39.7217 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 64.6262, 65.0504, 39.7217

Background



This preview shows how black text looks on a background with the XYZ color 64.6262, 65.0504, 39.7217.



This preview shows how white text looks on a background with the XYZ color 64.6262, 65.0504,

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

64.6262, 65.0504, 39.7217

Protanopia

60.7441, 65.1916, 41.2800

Deuteranopia

66.4613, 64.9316, 40.0405



Tritanopia

71.0434, 64.8763, 71.7288

Trichromacy



Original Color

64.6262, 65.0504, 39.7217

Protanomaly

62.0799, 65.1570, 40.7571

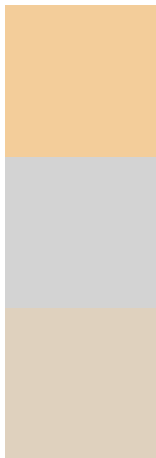
Deuteranomaly

65.6301, 64.8526, 40.0691

Tritanomaly

68.5265, 64.8885, 58.7822

Monochromacy



Original Color

64.6262, 65.0504, 39.7217

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.5262, 65.0066, 57.9672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6262, 65.0504, 39.7217 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, 205, 154)` looks like.

```
.text, #text, p{  
    color:rgb(243, 205, 154)  
}
```

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, 205, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 205, 154) }
```

Border

The CSS property to change the border of an element to XYZ 64.6262, 65.0504, 39.7217 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, 205, 154) }
```


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

```
.border{ border-color:rgb(243, 205, 154) }
```

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

Here you see how a box with a 4 pixel rgb(243, 205, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 205, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 205, 154);  
box-shadow:4px 4px 4px 4px rgb(243, 205,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6262, 65.0504, 39.7217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 205, 154) }
```

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

```
.background{ background-color: rgb(243,  
205, 154) }
```

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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