

Converting Colors

XYZ(64.2205, 63.0449, 41.5850)

Have a look what the booklet for XYZ(64.2205, 63.0449, 41.5850) contains.

- XYZ(64.2205, 63.0449, 41.5850) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(64.2205, 63.0449,
41.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C89F
RGB	244, 200, 159
RGB Percent	96%, 78%, 62%
CMY	0.0431, 0.2157, 0.3765
CMYK	0.00, 0.18, 0.35, 0.04
HSL	29°, 79%, 79%
HSV	29°, 35%, 96%
XYZ	64.2205, 63.0449, 41.5850
YIQ	208.4820, 39.3850, -3.4230

Conversions

Conversions Part 2

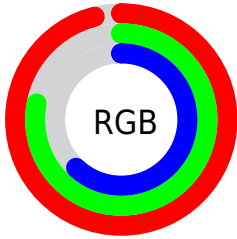
Format	Color
R_{YB}	244, 238, 159
Decimal	16042143
CIE _{Lab}	83.47, 10.02, 26.39
CIE _{LCh}	83, 28.223, 69.215
Yxy	63.0449, 0.3803, 0.3734
Android (android.graphics.Color)	4294232223 (0xFFFF4C89F)
YUV	208.4820, -24.3946, 31.1493
Hunter-Lab	79.4008, 5.4219, 24.5283

Details

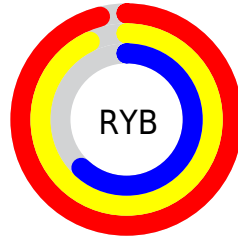
The XYZ color **64.2205, 63.0449, 41.5850** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.9824, 56.6124, 93.7754**, and the grayscale version is **60.4042, 63.5499, 69.2058**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **33.1824, 32.0584, 18.3489** is the 20% darker color. If you saturate the color by 10%, you get **59.5039, 56.6721, 30.5776**, and if you desaturate by 10%, it is **69.6000, 70.0740, 54.8766**.

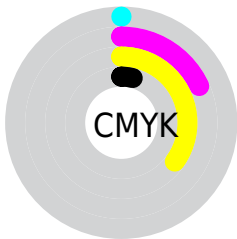
Distribution



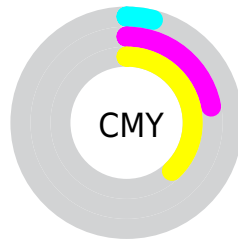
- Red (96%)
- Green (78%)
- Blue (62%)



- Red (96%)
- Yellow (93%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2205, 63.0449, 41.5850 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 64.2205, 63.0449, 41.5850 by changing the saturation by 10% instead.


 64.2205, 63.0449,
41.5850


 64.2205, 63.0449,
41.5850


429.5751,
435.7324, 368.5085

 47.0916, 45.8775,
28.4533


 110.0004,
109.2343, 78.8344

 33.3164, 32.1492,
18.4257


 139.3821,
139.0251, 103.7893

 22.5293, 21.4755,
11.0834


173.5789,
173.7925, 133.5223

 14.3651, 13.4720,
6.0081

212.9560,
213.9209, 168.4520

 8.4584, 7.7544,
2.7811

257.8788,
259.7947, 208.9969

 4.4439, 3.9382,
0.9840

308.7127,

 1.9562, 1.6390,

311.7983, 255.5756

0.0000

365.8230,
370.3161, 308.6066

0.6092, 0.3837,
0.0000

0.0000, 0.0000,
0.0000

64.2205, 63.0449,
41.5850

64.2205, 63.0449,
41.5850

59.5039, 56.6721,
30.5776

69.6000, 70.0740,
54.8766

55.4147, 50.9253,
21.7184

75.6657, 77.7709,
70.5700

51.9213, 45.7845,
14.8630

82.4459, 86.1578,
88.7790

48.9866, 41.2247,
9.8471

89.7064, 95.1494,
108.2454

■ 46.5681, 37.2186,
6.4799

■ 91.1182, 97.9731,
108.7160

■ 44.6151, 33.7347,
4.5274

■ 43.7525, 32.1217,
3.8941

Harmonies

Analogous

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



69.5664, 63.0449, 49.3703



64.2205, 63.0449, 41.5850



58.0472, 63.0449, 40.3318

Triad

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



64.2205, 63.0449, 41.5850



48.9839, 63.0449, 74.2167



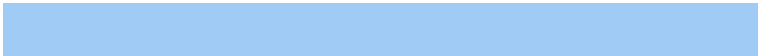
67.7196, 63.0449, 98.3935

Complementary

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



64.2205, 63.0449, 41.5850



51.9824, 56.6124, 93.7754

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.



61.8374, 63.0449, 107.8274



64.2205, 63.0449, 41.5850



51.2134, 63.0449, 92.3788

Square

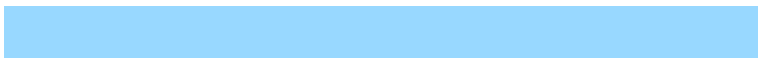
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.2205, 63.0449, 41.5850



49.5256, 63.0449, 57.3072



55.8203, 63.0449, 105.4555



71.6807, 63.0449, 81.3878

Rectangle

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



64.2205, 63.0449, 41.5850



54.3300, 63.0449, 43.1107



55.8203, 63.0449, 105.4555



65.8857, 63.0449, 102.6772

Sweetspot

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



64.2221, 63.0478, 41.5863



87.1459, 90.3314, 87.3379



60.6459, 48.4057, 63.4839



18.4290, 19.0572, 18.0948



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.



64.2221, 63.0478, 41.5863



67.1315, 64.5032, 36.8876



75.0710, 84.7457, 45.2026



17.1589, 17.8018, 17.3293



23.9256, 17.7369, 2.1625



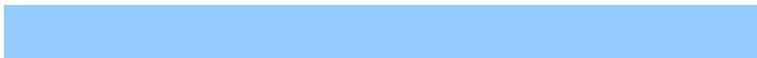
2.2052, 1.7637, 0.2242

Inverse Universe

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



51.9824, 56.6124, 93.7754



51.6794, 56.3760, 102.7656



43.5188, 39.6853, 90.9542



16.2907, 17.3456, 21.0320



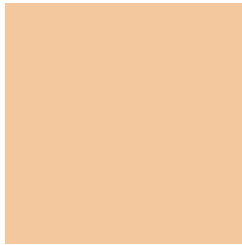
13.0936, 11.9809, 48.1605



1.2537, 1.2588, 4.2671

Previews

White Background



This preview shows how the XYZ color 64.2205, 63.0449, 41.5850 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 64.2205, 63.0449, 41.5850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

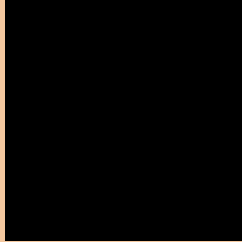
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2205, 63.0449, 41.5850

Background



This preview shows how black text looks on a background with the XYZ color 64.2205, 63.0449, 41.5850.



This preview shows how white text looks on a background with the XYZ color 64.2205, 63.0449,

41.5850.

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

64.2205, 63.0449, 41.5850

Protanopia

59.2909, 63.2857, 43.7407

Deuteranopia

64.5685, 63.2242, 41.6013



Tritanopia

69.5221, 62.8337, 68.1384

Trichromacy



Original Color

64.2205, 63.0449, 41.5850

Protanomaly

60.9860, 63.0943, 43.1465

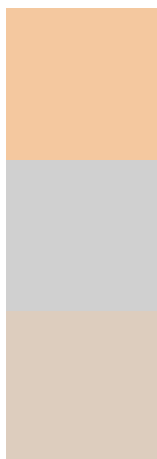
Deuteranomaly

64.5685, 63.2242, 41.6013

Tritanomaly

67.3920, 62.9717, 57.3180

Monochromacy



Original Color

64.2205, 63.0449, 41.5850

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.9444, 62.7525, 57.6155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2205, 63.0449, 41.5850 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(244, 200, 159)` looks like.

```
.text, #text, p{  
    color:rgb(244, 200, 159)  
}
```

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(244, 200, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 200, 159) }
```

Border

The CSS property to change the border of an element to XYZ 64.2205, 63.0449, 41.5850 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(244, 200, 159) }
```


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

```
.border{ border-color:rgb(244, 200, 159) }
```

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

Here you see how a box with a 4 pixel rgb(244, 200, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 200, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 200, 159);  
box-shadow:4px 4px 4px 4px rgb(244, 200,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2205, 63.0449, 41.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 200, 159) }
```

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

```
.background{ background-color: rgb(244,  
200, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor