

Converting Colors

XYZ(65.8944, 63.8354, 44.9290)

Have a look what the booklet for
XYZ(65.8944, 63.8354, 44.9290)
contains.

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Color

**XYZ(65.8950, 63.8359,
44.9249)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C8A6
RGB	247, 200, 166
RGB Percent	97%, 78%, 65%
CMY	0.0314, 0.2157, 0.3490
CMYK	0.00, 0.19, 0.33, 0.03
HSL	25°, 84%, 81%
HSV	25°, 33%, 97%
XYZ	65.8950, 63.8359, 44.9249
YIQ	210.1770, 38.9260, -0.6100

Conversions

Conversions Part 2

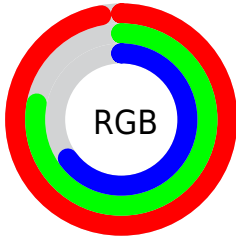
Format	Color
RYB	247, 225, 166
Decimal	16238758
CIELab	83.88, 12.01, 23.32
CIELCh	84, 26.227, 62.746
Yxy	63.8359, 0.3773, 0.3655
Android (android.graphics.Color)	4294428838 (0xFFFF7C8A6)
YUV	210.1770, -21.7793, 32.2938
Hunter-Lab	79.8974, 7.3967, 22.5904

Details

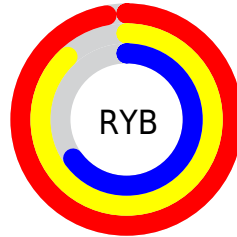
The XYZ color **65.8950, 63.8359, 44.9249** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.3079, 62.4089, 97.0742**, and the grayscale version is **61.4969, 64.6995, 70.4578**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **34.3024, 32.5915, 20.4024** is the 20% darker color. If you saturate the color by 10%, you get **60.6787, 56.6876, 33.0608**, and if you desaturate by 10%, it is **71.8609, 71.7864, 59.1870**.

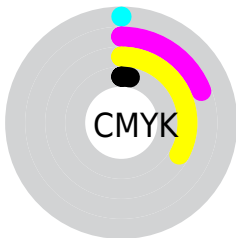
Distribution



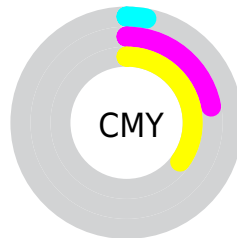
- Red (97%)
- Green (78%)
- Blue (65%)



- Red (97%)
- Yellow (88%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8950, 63.8359, 44.9249 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 65.8950, 63.8359, 44.9249 by changing the saturation by 10% instead.


 65.8950, 63.8359,
44.9249


 65.8950, 63.8359,
44.9249


435.4958,
438.5968, 382.6206

 48.4546, 46.5178,
31.0558


 112.3942,
110.3746, 83.9250

 34.3997, 32.6546,
20.3825


 142.1836,
140.3639, 109.8930

 23.3652, 21.8620,
12.4866


176.8201,
175.3458, 140.7310

 14.9856, 13.7555,
6.9494

216.6690,
215.7046, 176.8576

 8.8955, 7.9508,
3.3525

262.0957,
261.8247, 218.6913

 4.7297, 4.0635,
1.2773

313.4655,

 2.1226, 1.7091,

314.0905, 266.6507

0.0431

371.1437,
372.8864, 321.1543

0.7015, 0.4296,
0.0000

0.0000, 0.0000,
0.0000

65.8950, 63.8359,
44.9249

65.8950, 63.8359,
44.9249

60.6787, 56.6876,
33.0608

71.8609, 71.7864,
59.1870

56.1735, 50.3056,
23.4564

78.6026, 80.5558,
75.9670

52.3448, 44.6641,
15.9648

86.1511, 90.1714,
95.3815

49.1521, 39.7321,
10.4204

92.1678, 98.5142,
108.7651

■ 46.5502, 35.4757,
6.6319

■ 44.4853, 31.8571,
4.3682

■ 43.2775, 29.6135,
3.4350

Harmonies

Analogous

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



70.4865, 63.8359, 53.7051



65.8950, 63.8359, 44.9249



60.1445, 63.8359, 42.3668

Triad

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



65.8950, 63.8359, 44.9249



50.2586, 63.8359, 71.0388



66.8718, 63.8359, 99.7840

Complementary

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



65.8950, 63.8359, 44.9249



56.3079, 62.4089, 97.0742

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.



61.2068, 63.8359, 106.2969



65.8950, 63.8359, 44.9249



51.8174, 63.8359, 88.1380

Square

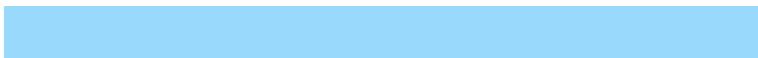
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8950, 63.8359, 44.9249



51.3408, 63.8359, 55.9544



55.7365, 63.8359, 101.7324



71.0751, 63.8359, 85.0870

Rectangle

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



65.8950, 63.8359, 44.9249



56.4870, 63.8359, 44.1402



55.7365, 63.8359, 101.7324



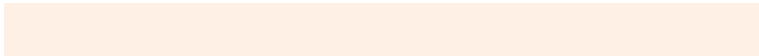
65.0632, 63.8359, 103.0996

Sweetspot

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



65.8966, 63.8389, 44.9262



86.6734, 89.3863, 87.1804



64.0365, 51.8641, 69.7535



18.3149, 18.8290, 18.0567



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

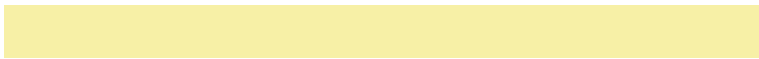
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.8966, 63.8389, 44.9262



67.2373, 63.7144, 40.0074



76.4747, 84.9951, 48.4522



17.0708, 17.6258, 17.3000



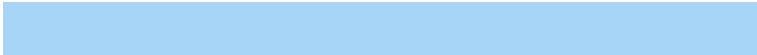
23.0212, 15.9279, 1.8610



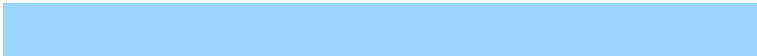
2.1226, 1.5984, 0.1966

Inverse Universe

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



56.3079, 62.4089, 97.0742



55.5303, 61.9570, 103.6399



47.4107, 44.6145, 94.1085



16.3798, 17.5239, 21.0617



14.2415, 14.2769, 48.5431



1.3532, 1.4578, 4.3003

Previews

White Background



This preview shows how the XYZ color 65.8950, 63.8359, 44.9249 looks on a white background.

Color Contrast Check

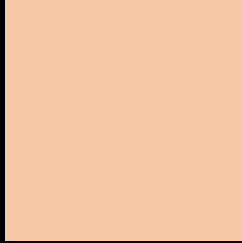
Large Text (above 18pt) WCAG AA × Fail

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 65.8950, 63.8359, 44.9249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

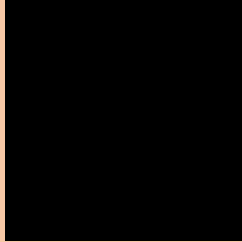
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8950, 63.8359, 44.9249

Background



This preview shows how black text looks on a background with the XYZ color 65.8950, 63.8359, 44.9249.



This preview shows how white text looks on a background with the XYZ color 65.8950, 63.8359,

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

65.8950, 63.8359, 44.9249

Protanopia

60.1804, 64.0328, 47.2179

Deuteranopia

65.0778, 63.7596, 44.9532



Tritanopia

70.9453, 63.8825, 68.9129

Trichromacy



Original Color

65.8950, 63.8359, 44.9249

Protanomaly

62.1877, 63.9961, 46.6110

Deuteranomaly

65.4258, 63.9389, 44.9695

Tritanomaly

68.7899, 63.6541, 59.1129

Monochromacy



Original Color

65.8950, 63.8359, 44.9249

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.2403, 63.7256, 60.0588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8950, 63.8359, 44.9249 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(247, 200, 166)` looks like.

```
.text, #text, p{  
    color:rgb(247, 200, 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(247, 200, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 200, 166) }
```

Border

The CSS property to change the border of an element to XYZ 65.8950, 63.8359, 44.9249 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(247, 200, 166) }
```


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

```
.border{ border-color:rgb(247, 200, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 200, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 200, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 200, 166);  
box-shadow:4px 4px 4px 4px rgb(247, 200,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8950, 63.8359, 44.9249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 200, 166) }
```

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

```
.background{ background-color: rgb(247,  
200, 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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