

Converting Colors

XYZ(65.5409, 64.1449, 38.2097)

Have a look what the booklet for
XYZ(65.5409, 64.1449, 38.2097)
contains.

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Color

**XYZ(65.5395, 64.1474,
38.2055)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C997
RGB	249, 201, 151
RGB Percent	98%, 79%, 59%
CMY	0.0235, 0.2117, 0.4078
CMYK	0.00, 0.19, 0.39, 0.02
HSL	31°, 89%, 78%
HSV	31°, 39%, 98%
XYZ	65.5395, 64.1474, 38.2055
YIQ	209.6520, 44.6580, -5.3740

Conversions

Conversions Part 2

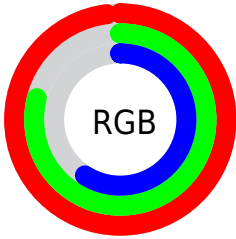
Format	Color
R_{YB}	245, 249, 151
Decimal	16370071
CIE _{Lab}	84.04, 10.51, 31.42
CIE _{LCh}	84, 33.135, 71.500
Yxy	64.1474, 0.3904, 0.3821
Android (android.graphics.Color)	4294560151 (0xFFFF9C997)
YUV	209.6520, -28.9154, 34.5082
Hunter-Lab	80.0921, 5.9058, 27.7819

Details

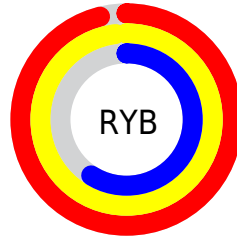
The XYZ color **65.5395, 64.1474, 38.2055** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.2841, 54.2638, 97.4462**, and the grayscale version is **61.1948, 64.3817, 70.1116**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **34.2198, 32.8639, 16.5964** is the 20% darker color. If you saturate the color by 10%, you get **60.9965, 57.9630, 27.7462**, and if you desaturate by 10%, it is **70.7385, 70.9601, 50.9917**.

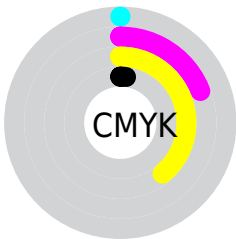
Distribution



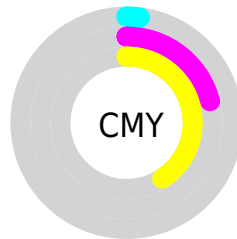
- Red (98%)
- Green (79%)
- Blue (59%)



- Red (96%)
- Yellow (98%)
- Blue (59%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (2%)





- Cyan (2%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5395, 64.1474, 38.2055 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 65.5395, 64.1474, 38.2055 by changing the saturation by 10% instead.


 65.5395, 64.1474,
38.2055


 65.5395, 64.1474,
38.2055


434.2428,
439.7217, 353.8253

 48.1650, 46.7701,
25.8392


 111.8865,
110.8232, 73.6299

 34.1694, 32.8539,
16.4787


 141.5898,
140.8904, 97.5251

 23.1872, 22.0146,
9.7055


176.1333,
175.9564, 126.1002

 14.8533, 13.8676,
5.1011

215.8825,
216.4056, 159.7740

 8.8021, 8.0286,
2.2469

261.2027,
262.6223, 198.9648

 4.6684, 4.1133,
0.7013

312.4592,

 2.0868, 1.7371,

314.9910, 244.0913

0.0000

370.0175,
373.8960, 295.5719

0.6820, 0.4475,
0.0000

0.0000, 0.0000,
0.0000

65.5395, 64.1474,
38.2055

65.5395, 64.1474,
38.2055

60.9965, 57.9630,
27.7462

70.7385, 70.9601,
50.9917

57.0724, 52.3766,
19.4655

76.6185, 78.4119,
66.2330

53.7332, 47.3683,
13.2036

83.2088, 86.5249,
84.0526

50.9387, 42.9130,
8.7769

90.5355, 95.3170,
104.5643

■ 48.6421, 38.9826,
5.9676

■ 92.8769, 98.8797,
108.7983

■ 46.7739, 35.5397,
4.4406

■ 46.6634, 35.3326,
4.3605

Harmonies

Analogous

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



72.1140, 64.1474, 46.4250



65.5395, 64.1474, 38.2055



58.2109, 64.1474, 37.3610

Triad

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



65.5395, 64.1474, 38.2055



48.2086, 64.1474, 78.1816



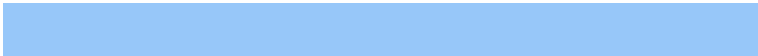
70.7653, 64.1474, 104.5379

Complementary

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



65.5395, 64.1474, 38.2055



50.2841, 54.2638, 97.4462

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.



63.8153, 64.1474, 117.1802



65.5395, 64.1474, 38.2055



51.0379, 64.1474, 100.0561

Square

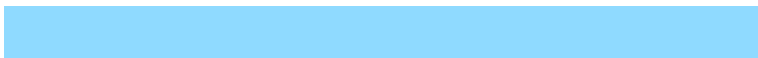
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.5395, 64.1474, 38.2055



48.5894, 64.1474, 57.8361



56.6183, 64.1474, 115.3933



75.2934, 64.1474, 83.4122

Rectangle

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



65.5395, 64.1474, 38.2055



53.9175, 64.1474, 40.8397



56.6183, 64.1474, 115.3933



68.6125, 64.1474, 110.0943

Sweetspot

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



65.5411, 64.1504, 38.2068



85.9131, 88.9919, 83.4548



60.5593, 46.4437, 60.4168



18.1906, 18.8048, 17.3231



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.



65.5411, 64.1504, 38.2068



65.4325, 62.6310, 31.6174



78.5287, 90.1255, 42.5360



17.9769, 18.6896, 18.1224



25.1209, 19.1985, 2.3817



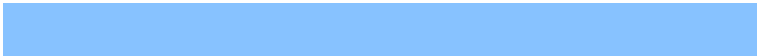
2.4328, 1.9904, 0.2560

Inverse Universe

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



50.2841, 54.2638, 97.4462



47.3232, 50.8981, 101.9379



40.9286, 35.5528, 94.3277



16.9849, 18.0466, 21.9734



13.0159, 11.3873, 49.4855



1.3113, 1.2662, 4.6185

Previews

White Background



This preview shows how the XYZ color 65.5395, 64.1474, 38.2055 looks on a white background.

Color Contrast Check

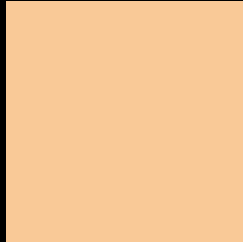
Large Text (above 18pt) WCAG AA × Fail

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 65.5395, 64.1474, 38.2055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

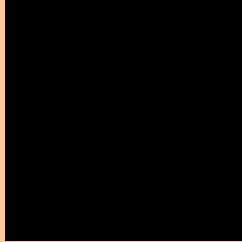
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5395, 64.1474, 38.2055

Background



This preview shows how black text looks on a background with the XYZ color 65.5395, 64.1474, 38.2055.



This preview shows how white text looks on a background with the XYZ color 65.5395, 64.1474,

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

65.5395, 64.1474, 38.2055

Protanopia

60.0143, 64.4673, 40.2907

Deuteranopia

65.5395, 64.1474, 38.2055



Tritanopia

71.6951, 63.9540, 68.2401

Trichromacy



Original Color

65.5395, 64.1474, 38.2055

Protanomaly

62.0772, 64.4512, 39.7403

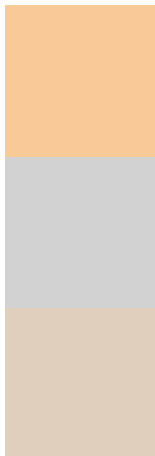
Deuteranomaly

65.5395, 64.1474, 38.2055

Tritanomaly

69.2176, 63.9504, 55.7092

Monochromacy



Original Color

65.5395, 64.1474, 38.2055

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.2386, 64.1471, 57.2454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5395, 64.1474, 38.2055 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(249, 201, 151)` looks like.

```
.text, #text, p{  
    color:rgb(249, 201, 151)  
}
```

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(249, 201, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 201, 151) }
```

Border

The CSS property to change the border of an element to XYZ 65.5395, 64.1474, 38.2055 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(249, 201, 151) }
```


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

```
.border{ border-color:rgb(249, 201, 151) }
```

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

Here you see how a box with a 4 pixel rgb(249, 201, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 201, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 201, 151);  
box-shadow:4px 4px 4px 4px rgb(249, 201,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5395, 64.1474, 38.2055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 201, 151) }
```

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

```
.background{ background-color: rgb(249,  
201, 151) }
```

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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