

Converting Colors

XYZ(63.9721, 63.8415, 39.0438)

Have a look what the booklet for
XYZ(63.9721, 63.8415, 39.0438)
contains.

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Color

**XYZ(64.0679, 64.0665,
39.1263)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CB99
RGB	243, 203, 153
RGB Percent	95%, 80%, 60%
CMY	0.0471, 0.2039, 0.4000
CMYK	0.00, 0.16, 0.37, 0.05
HSL	33°, 79%, 78%
HSV	33°, 37%, 95%
XYZ	64.0679, 64.0665, 39.1263
YIQ	209.2600, 39.8900, -7.0700

Conversions

Conversions Part 2

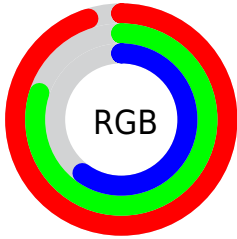
Format	Color
R _Y B	225, 243, 153
Decimal	15977369
CIE Lab	84.00, 7.36, 30.23
CIE LCh	84, 31.110, 76.307
Yxy	64.0665, 0.3830, 0.3830
Android (android.graphics.Color)	4294167449 (0xFFFF3CB99)
YUV	209.2600, -27.7362, 29.5900
Hunter-Lab	80.0416, 2.8046, 27.0467

Details

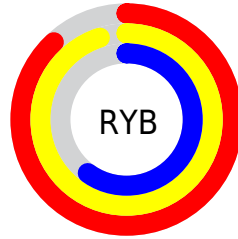
The XYZ color **64.0679, 64.0665, 39.1263** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.3839, 51.3816, 92.1617**, and the grayscale version is **60.9327, 64.1060, 69.8114**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **33.1040, 32.7488, 16.8883** is the 20% darker color. If you saturate the color by 10%, you get **59.8001, 58.4223, 28.7899**, and if you desaturate by 10%, it is **68.9253, 70.2355, 51.6769**.

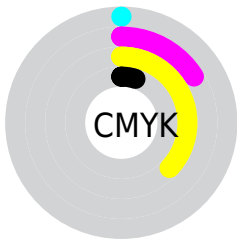
Distribution



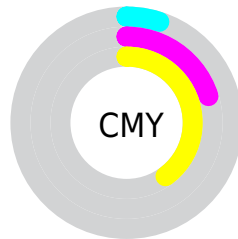
- Red (95%)
- Green (80%)
- Blue (60%)



- Red (88%)
- 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 64.0679, 64.0665, 39.1263 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 64.0679, 64.0665, 39.1263 by changing the saturation by 10% instead.


 64.0679, 64.0665,
39.1263


 64.0679, 64.0665,
39.1263

429.0331,
439.4297, 357.8691

 46.9676, 46.7045,
26.5494


 109.7819,
110.7067, 75.0537

 33.2178, 32.8021,
17.0057


 139.1263,
140.7537, 99.2413

 22.4534, 21.9749,
10.0765

173.2827,
175.7979, 128.1362

 14.3089, 13.8385,
5.3435

212.6166,
216.2236, 162.1569

 8.4190, 8.0084,
2.3879

257.4932,
262.4153, 201.7220

 4.4182, 4.1003,
0.7799

308.2779,

 1.9414, 1.7298,

314.7572, 247.2501

0.0000

365.3361,
373.6339, 299.1596

■ 0.6007, 0.4429,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0679, 64.0665,
39.1263

■ 64.0679, 64.0665,
39.1263

■ 59.8001, 58.4223,
28.7899

■ 68.9253, 70.2355,
51.6769

■ 56.0885, 53.2767,
20.5312

■ 74.3939, 76.9363,
66.5595

■ 52.9034, 48.6143,
14.2043

■ 80.4997, 84.1874,
83.8879

■ 50.2094, 44.4148,
9.6426

■ 87.2660, 92.0031,
103.7675

■ 47.9658, 40.6554,
6.6505

■ 90.7722, 97.7947,
108.6998

■ 46.1210, 37.3092,
4.9774

■ 45.6282, 36.3867,
4.6185

Harmonies

Analogous

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



70.4628, 64.0665, 45.8620



64.0679, 64.0665, 39.1263



57.2657, 64.0665, 39.4304

Triad

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



64.0679, 64.0665, 39.1263



49.0953, 64.0665, 80.9064



70.9327, 64.0665, 99.2280

Complementary

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



64.0679, 64.0665, 39.1263



48.3839, 51.3816, 92.1617

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.



64.6710, 64.0665, 112.6367



64.0679, 64.0665, 39.1263



52.2320, 64.0665, 100.7770

Square

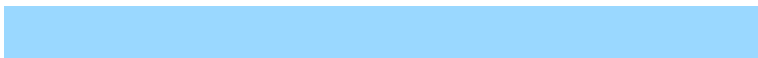
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.0679, 64.0665, 39.1263



48.9606, 64.0665, 61.1956



57.8253, 64.0665, 113.2516



74.6225, 64.0665, 79.0830

Rectangle

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



64.0679, 64.0665, 39.1263



53.4153, 64.0665, 43.5386



57.8253, 64.0665, 113.2516



69.0386, 64.0665, 104.8254

Sweetspot

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



64.0695, 64.0695, 39.1276



87.0098, 90.6265, 85.5436



58.0354, 45.7104, 56.5098



18.4248, 19.1618, 17.7448



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.



64.0695, 64.0695, 39.1276



68.0476, 66.9668, 35.2466



73.2286, 84.6651, 42.6202



17.2627, 18.0095, 17.3639



25.1791, 20.2437, 2.5803



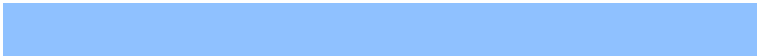
2.3154, 1.9841, 0.2609

Inverse Universe

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



48.3839, 51.3816, 92.1617



48.3380, 51.0316, 101.9101



41.5719, 36.4728, 89.6430



16.1873, 17.1389, 20.9975



11.9509, 9.6957, 47.7796



1.1512, 1.0537, 4.2330

Previews

White Background



This preview shows how the XYZ color 64.0679, 64.0665, 39.1263 looks on a white background.

Color Contrast Check

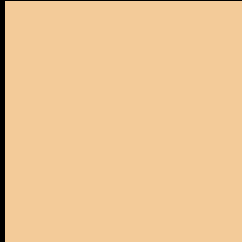
Large Text (above 18pt) WCAG AA × Fail

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 64.0679, 64.0665, 39.1263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

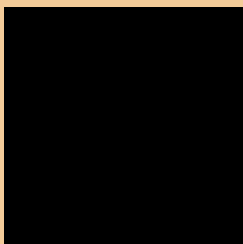
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

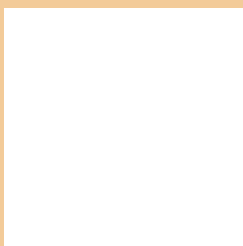
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0679, 64.0665, 39.1263

Background



This preview shows how black text looks on a background with the XYZ color 64.0679, 64.0665, 39.1263.



This preview shows how white text looks on a background with the XYZ color 64.0679, 64.0665,

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

64.0679, 64.0665, 39.1263

Protanopia

59.8526, 64.0088, 40.6529

Deuteranopia

65.3478, 64.0297, 39.0517



Tritanopia

70.2149, 63.8231, 69.5911

Trichromacy



Original Color

64.0679, 64.0665, 39.1263

Protanomaly

61.5079, 64.1480, 40.1503

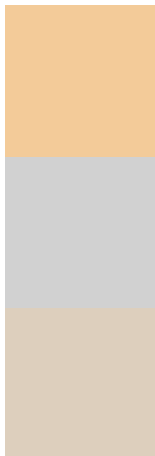
Deuteranomaly

64.8763, 64.1338, 39.0967

Tritanomaly

67.7372, 63.8364, 56.8956

Monochromacy



Original Color

64.0679, 64.0665, 39.1263

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.3169, 63.6719, 57.2023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0679, 64.0665, 39.1263 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, 203, 153)` looks like.

```
.text, #text, p{  
    color:rgb(243, 203, 153)  
}
```

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, 203, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 203, 153) }
```

Border

The CSS property to change the border of an element to XYZ 64.0679, 64.0665, 39.1263 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, 203, 153) }
```


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

```
.border{ border-color:rgb(243, 203, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 203, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 203, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 203, 153);  
box-shadow:4px 4px 4px 4px rgb(243, 203,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0679, 64.0665, 39.1263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 203, 153) }
```

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

```
.background{ background-color: rgb(243,  
203, 153) }
```

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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