

Converting Colors

XYZ(63.5360, 64.1535, 38.7399)

Have a look what the booklet for
XYZ(63.5360, 64.1535, 38.7399)
contains.

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Color

**XYZ(63.5360, 64.1535,
38.7399)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CC98
RGB	241, 204, 152
RGB Percent	95%, 80%, 60%
CMY	0.0549, 0.2000, 0.4039
CMYK	0.00, 0.15, 0.37, 0.05
HSL	35°, 76%, 77%
HSV	35°, 37%, 95%
XYZ	63.5360, 64.1535, 38.7399
YIQ	209.1350, 38.7440, -8.3280

Conversions

Conversions Part 2

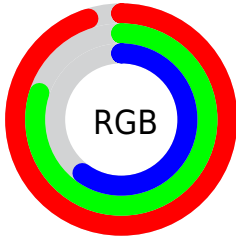
Format	Color
R _Y B	215, 241, 152
Decimal	15846552
CIE Lab	84.05, 5.95, 30.77
CIE LCh	84, 31.343, 79.052
Yxy	64.1535, 0.3818, 0.3855
Android (android.graphics.Color)	4294036632 (0xFFFF1CC98)
YUV	209.1350, -28.1676, 27.9456
Hunter-Lab	80.0959, 1.4272, 27.3904

Details

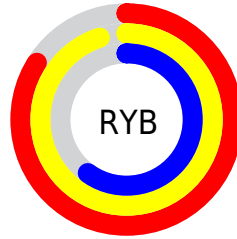
The XYZ color **63.5360, 64.1535, 38.7399** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.0231, 49.4198, 90.2797**, and the grayscale version is **60.8542, 64.0234, 69.7214**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **32.9738, 32.9231, 16.6735** is the 20% darker color. If you saturate the color by 10%, you get **59.4547, 58.8352, 28.6109**, and if you desaturate by 10%, it is **68.1748, 69.9446, 51.0346**.

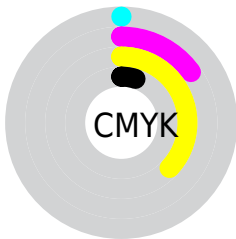
Distribution



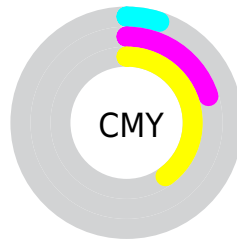
- Red (95%)
- Green (80%)
- Blue (60%)



- Red (84%)
- Yellow (95%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (37%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5360, 64.1535, 38.7399 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 63.5360, 64.1535, 38.7399 by changing the saturation by 10% instead.


 63.5360, 64.1535,
38.7399

 63.5360, 64.1535,
38.7399


427.1409,
439.7437, 356.1763

 46.5352, 46.7750,
26.2512


 109.0199,
110.8320, 74.4568

 32.8748, 32.8578,
16.7842

 138.2338,
140.9007, 98.5220

 22.1893, 22.0176,
9.9204


172.2494,
175.9684, 127.2831

 14.1135, 13.8698,
5.2413

211.4321,
216.4193, 161.1587

 8.2819, 8.0302,
2.3283

256.1472,
262.6379, 200.5672

 4.3291, 4.1143,
0.7470

306.7602,

 1.8900, 1.7377,

315.0086, 245.9273

0.0000

363.6363,
373.9158, 297.6575

■ 0.5710, 0.4479,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5360, 64.1535,
38.7399

■ 63.5360, 64.1535,
38.7399

■ 59.4547, 58.8352,
28.6109

■ 68.1748, 69.9446,
51.0346

■ 55.8987, 53.9651,
20.5141

■ 73.3914, 76.2140,
65.6100

■ 52.8396, 49.5296,
14.3070

■ 79.2108, 82.9783,
82.5774

■ 50.2437, 45.5103,
9.8268

■ 85.6552, 90.2507,
102.0398

■ 48.0717, 41.8865,
6.8825

■ 89.7974, 96.8644,
108.5716

■ 46.2743, 38.6333,
5.2306

■ 90.0856, 97.4408,
108.6677

■ 45.7745, 37.6985,
4.8640

Harmonies

Analogous

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



70.1113, 64.1535, 44.8581



63.5360, 64.1535, 38.7399



56.7379, 64.1535, 39.6878

Triad

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



63.5360, 64.1535, 38.7399



49.2521, 64.1535, 83.0342



71.5799, 64.1535, 97.8973

Complementary

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



63.5360, 64.1535, 38.7399



47.0231, 49.4198, 90.2797

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.



65.4200, 64.1535, 112.3804



63.5360, 64.1535, 38.7399



52.6708, 64.1535, 102.7411

Square

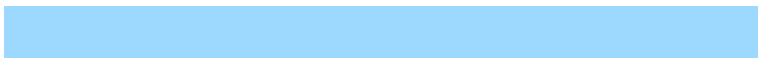
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.5360, 64.1535, 38.7399



48.8315, 64.1535, 62.8675



58.4857, 64.1535, 114.3039



74.9836, 64.1535, 77.3361

Rectangle

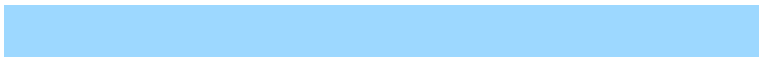
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.5360, 64.1535, 38.7399



52.9769, 64.1535, 44.2582



58.4857, 64.1535, 114.3039



69.7422, 64.1535, 103.7916

Sweetspot

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



63.5376, 64.1565, 38.7412



87.2508, 91.1084, 85.6239



56.6987, 44.8357, 53.8580



18.4823, 19.2768, 17.7640



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.



63.5376, 64.1565, 38.7412



68.8270, 68.5255, 35.5064



70.9181, 82.5997, 41.9121



16.5402, 17.2936, 16.6160



24.9587, 20.7155, 2.6830



2.1743, 1.9192, 0.2559

Inverse Universe

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



47.0231, 49.4198, 90.2797



47.6351, 49.6258, 101.6758



41.4869, 36.2217, 88.0240



15.4370, 16.3082, 20.0558



11.2162, 8.6566, 46.2076



1.0290, 0.9120, 3.8760

Previews

White Background



This preview shows how the XYZ color 63.5360, 64.1535, 38.7399 looks on a white background.

Color Contrast Check

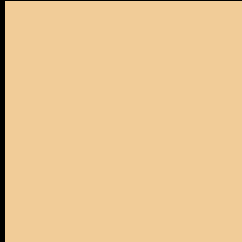
Large Text (above 18pt) WCAG AA × Fail

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 63.5360, 64.1535, 38.7399 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 63.5360, 64.1535, 38.7399

Background



This preview shows how black text looks on a background with the XYZ color 63.5360, 64.1535, 38.7399.



This preview shows how white text looks on a background with the XYZ color 63.5360, 64.1535,

38.7399.

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

63.5360, 64.1535, 38.7399

Protanopia

59.9307, 64.4338, 39.8501

Deuteranopia

65.7033, 64.2129, 39.0684



Tritanopia

69.8556, 63.9572, 70.2912

Trichromacy



Original Color

63.5360, 64.1535, 38.7399

Protanomaly

61.2606, 64.4006, 39.3388

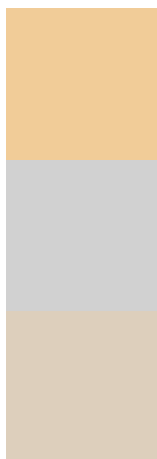
Deuteranomaly

64.8763, 64.1338, 39.0967

Tritanomaly

67.3739, 63.9770, 57.5130

Monochromacy



Original Color

63.5360, 64.1535, 38.7399

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.2087, 63.6286, 56.6325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5360, 64.1535, 38.7399 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(241, 204, 152)` looks like.

```
.text, #text, p{  
    color:rgb(241, 204, 152)  
}
```

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(241, 204, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 204, 152) }
```

Border

The CSS property to change the border of an element to XYZ 63.5360, 64.1535, 38.7399 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(241, 204, 152) }
```


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

```
.border{ border-color:rgb(241, 204, 152) }
```

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

Here you see how a box with a 4 pixel rgb(241, 204, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 204, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 204, 152);  
box-shadow:4px 4px 4px 4px rgb(241, 204,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5360, 64.1535, 38.7399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 204, 152) }
```

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

```
.background{ background-color: rgb(241,  
204, 152) }
```

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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