

Converting Colors

XYZ(63.3892, 58.5895, 40.5576)

Have a look what the booklet for
XYZ(63.3892, 58.5895, 40.5576)
contains.

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Color

**XYZ(63.3081, 58.6094,
40.7769)**

Conversions

Conversions Part 1

Format	Color
Hex	F9BC9F
RGB	249, 188, 159
RGB Percent	98%, 74%, 62%
CMY	0.0235, 0.2627, 0.3765
CMYK	0.00, 0.24, 0.36, 0.02
HSL	19°, 88%, 80%
HSV	19°, 36%, 98%
XYZ	63.3081, 58.6094, 40.7769
YIQ	202.9330, 45.6650, 3.9130

Conversions

Conversions Part 2

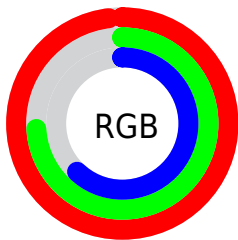
Format	Color
R _Y B	249, 202, 159
Decimal	16366751
CIE Lab	81.08, 18.23, 23.21
CIE LCh	81, 29.513, 51.859
Yxy	58.6094, 0.3891, 0.3602
Android (android.graphics.Color)	4294556831 (0xFFFF9BC9F)
YUV	202.9330, -21.6590, 40.4008
Hunter-Lab	76.5568, 13.6350, 22.0098

Details

The XYZ color **63.3081, 58.6094, 40.7769** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.9891, 65.3943, 99.2411**, and the grayscale version is **56.8356, 59.7955, 65.1173**.

A 20% lighter version of the original color is **85.7283, 90.8164, 76.6293**, and **32.8037, 29.4658, 17.8685** is the 20% darker color. If you saturate the color by 10%, you get **57.9648, 51.0393, 29.3879**, and if you desaturate by 10%, it is **69.5113, 67.2023, 54.6010**.

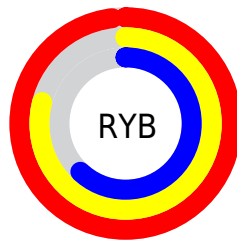
Distribution



Red (98%)

Green (74%)

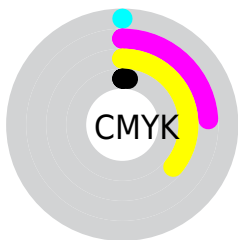
Blue (62%)



Red (98%)

Yellow (79%)

Blue (62%)

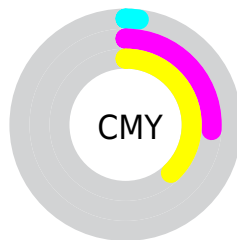


Cyan (0%)

Magenta (24%)

Yellow (36%)

Black (2%)



Cyan (2%)


Magenta (26%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3081, 58.6094, 40.7769 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 63.3081, 58.6094, 40.7769 by changing the saturation by 10% instead.


 63.3081, 58.6094,
40.7769


 63.3081, 58.6094,
40.7769


426.3287,
419.4529, 365.0363

 46.3501, 42.2988,
27.8264


 108.6932,
102.8098, 77.5951

 32.7280, 29.3353,
17.9569


 137.8510,
131.4683, 102.2999

 22.0764, 19.3346,
10.7500


171.8061,
165.0115, 131.7598

 14.0299, 11.9123,
5.7869

210.9239,
203.8239, 166.3935

 8.2233, 6.6840,
2.6493

255.5697,
248.2899, 206.6195

 4.2912, 3.2653,
0.9177

306.1088,

 1.8682, 1.2717,

298.7937, 252.8562

0.0000

362.9067,
355.7200, 305.5223

0.5582, 0.1192,
0.0000

0.0000, 0.0000,
0.0000

63.3081, 58.6094,
40.7769

63.3081, 58.6094,
40.7769

57.9648, 51.0393,
29.3879

69.5113, 67.2023,
54.6010

53.4360, 44.4441,
20.2871

76.6076, 76.8467,
70.9881

49.6789, 38.7844,
13.3173

84.6341, 87.5807,
90.0613

46.6442, 34.0146,
8.2996

92.8769, 98.8797,
108.7983

■ 44.2761, 30.0846,
5.0249

■ 42.5079, 26.9377,
3.2348

■ 41.9538, 25.9135,
2.7906

Harmonies

Analogous

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



67.3782, 58.6094, 52.0537



63.3081, 58.6094, 40.7769



57.3924, 58.6094, 35.8914

Triad

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



63.3081, 58.6094, 40.7769



44.8336, 58.6094, 59.1536



60.2115, 58.6094, 100.5541

Complementary

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



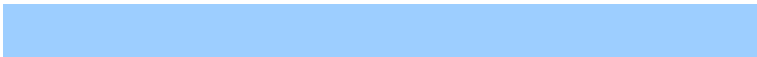
63.3081, 58.6094, 40.7769



56.9891, 65.3943, 99.2411

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.



54.0539, 58.6094, 103.4066



63.3081, 58.6094, 40.7769



45.4670, 58.6094, 77.2280

Square

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



63.3081, 58.6094, 40.7769



46.9405, 58.6094, 45.1547



48.7391, 58.6094, 94.2188



65.5010, 58.6094, 87.0177

Rectangle

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



63.3081, 58.6094, 40.7769



53.3190, 58.6094, 36.1512



48.7391, 58.6094, 94.2188



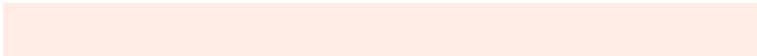
58.1641, 58.6094, 102.8827

Sweetspot

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



63.3096, 58.6122, 40.7781



85.0908, 86.7885, 84.9040



64.4499, 50.1304, 74.3373



17.9684, 18.2490, 17.5926



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.



63.3096, 58.6122, 40.7781



62.8385, 56.2363, 34.4725



74.3226, 80.6382, 44.4491



17.7013, 18.1384, 18.0305



22.5708, 14.0983, 1.5316



2.1821, 1.4891, 0.1724

Inverse Universe

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



56.9891, 65.3943, 99.2411



55.2933, 64.2805, 104.1009



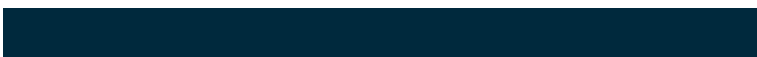
46.8249, 45.0660, 95.8531



17.2666, 18.6101, 22.0674



16.8569, 19.0695, 50.7659



1.6572, 1.9581, 4.7338

Previews

White Background



This preview shows how the XYZ color 63.3081, 58.6094, 40.7769 looks on a white background.

Color Contrast Check

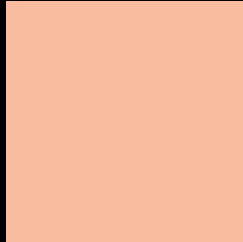
Large Text (above 18pt) WCAG AA × Fail

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 63.3081, 58.6094, 40.7769 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 63.3081, 58.6094, 40.7769

Background



This preview shows how black text looks on a background with the XYZ color 63.3081, 58.6094, 40.7769.



This preview shows how white text looks on a background with the XYZ color 63.3081, 58.6094,

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

63.3081, 58.6094, 40.7769

Protanopia

55.1187, 58.6360, 44.0101

Deuteranopia

60.0554, 58.8851, 40.5484



Tritanopia

67.5195, 58.7808, 60.6105

Trichromacy



Original Color

63.3081, 58.6094, 40.7769

Protanomaly

57.7148, 58.2930, 42.8601

Deuteranomaly

61.2968, 58.8687, 40.4798

Tritanomaly

66.0411, 58.8123, 52.6709

Monochromacy



Original Color

63.3081, 58.6094, 40.7769

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.6789, 59.1917, 55.3461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3081, 58.6094, 40.7769 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, 188, 159)` looks like.

```
.text, #text, p{  
    color:rgb(249, 188, 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(249, 188, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 188, 159) }
```

Border

The CSS property to change the border of an element to XYZ 63.3081, 58.6094, 40.7769 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, 188, 159) }
```


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

```
.border{ border-color:rgb(249, 188, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 188, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 188, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 188, 159);  
box-shadow:4px 4px 4px 4px rgb(249, 188,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3081, 58.6094, 40.7769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 188, 159) }
```

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

```
.background{ background-color: rgb(249,  
188, 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](#).

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