

Converting Colors

XYZ(63.6398, 58.8999, 40.3847)

Have a look what the booklet for
XYZ(63.6398, 58.8999, 40.3847)
contains.

XYZ(63.5791, 58.7591, 40.3384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.5791, 58.7591,
40.3384)**

Conversions

Conversions Part 1

Format	Color
Hex	FABC9E
RGB	250, 188, 158
RGB Percent	98%, 74%, 62%
CMY	0.0196, 0.2627, 0.3804
CMYK	0.00, 0.25, 0.37, 0.02
HSL	20°, 90%, 80%
HSV	20°, 37%, 98%
XYZ	63.5791, 58.7591, 40.3384
YIQ	203.1180, 46.5820, 3.8140

Conversions

Conversions Part 2

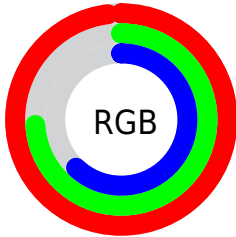
Format	Color
R _Y B	250, 203, 158
Decimal	16432286
CIE Lab	81.16, 18.49, 23.87
CIE LCh	81, 30.198, 52.236
Yxy	58.7591, 0.3908, 0.3612
Android (android.graphics.Color)	4294622366 (0xFFFA9C9E)
YUV	203.1180, -22.2432, 41.1155
Hunter-Lab	76.6545, 13.9069, 22.4576

Details

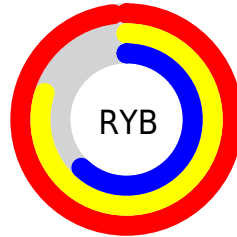
The XYZ color **63.5791, 58.7591, 40.3384** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.9480, 65.3551, 100.0557**, and the grayscale version is **56.9551, 59.9212, 65.2541**.

A 20% lighter version of the original color is **85.6009, 90.7655, 75.9586**, and **33.0037, 29.5750, 17.6047** is the 20% darker color. If you saturate the color by 10%, you get **58.2512, 51.2039, 29.0040**, and if you desaturate by 10%, it is **69.7678, 67.3352, 54.1204**.

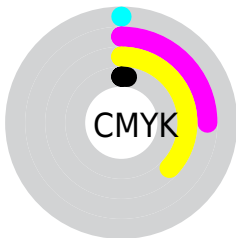
Distribution



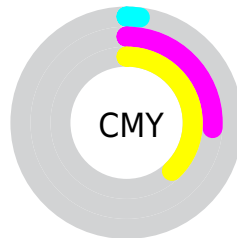
- Red (98%)
- Green (74%)
- Blue (62%)



- Red (98%)
- Yellow (80%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (2%)





- Cyan (2%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5791, 58.7591, 40.3384 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 63.5791, 58.7591, 40.3384 by changing the saturation by 10% instead.


 63.5791, 58.7591,
40.3384

 63.5791, 58.7591,
40.3384


427.2945,
420.0086, 363.1422

 46.5703, 42.4192,
27.4867


 109.0817,
103.0275, 76.9213

 32.9026, 29.4297,
17.7034


 138.3061,
131.7247, 101.4895

 22.2107, 19.4061,
10.5700


172.3332,
165.3099, 130.8003

 14.1293, 11.9641,
5.6680

211.5281,
204.1675, 165.2723

 8.2929, 6.7192,
2.5788

256.2564,
248.6817, 205.3239

 4.3363, 3.2871,
0.8815

306.8833,

 1.8941, 1.2834,

299.2370, 251.3738

0.0000

363.7742,
356.2179, 303.8403

■ 0.5734, 0.1283,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5791, 58.7591,
40.3384

■ 63.5791, 58.7591,
40.3384

■ 58.2512, 51.2039,
29.0040

■ 69.7678, 67.3352,
54.1204

■ 53.7386, 44.6217,
19.9683

■ 76.8511, 76.9610,
70.4800

■ 49.9980, 38.9731,
13.0713

■ 84.8661, 87.6744,
89.5419

■ 46.9795, 34.2124,
8.1308

■ 93.2343, 99.0640,
108.8150

■ 44.6265, 30.2892,
4.9333

■ 42.8706, 27.1464,
3.2100

■ 42.4068, 26.2889,
2.8392

Harmonies

Analogous

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



67.7948, 58.7591, 51.7578



63.5791, 58.7591, 40.3384



57.4968, 58.7591, 35.4543

Triad

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



63.5791, 58.7591, 40.3384



44.7129, 58.7591, 59.4175



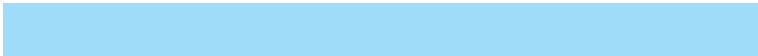
60.5466, 58.7591, 101.6475

Complementary

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



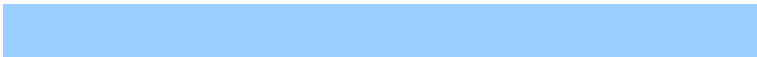
63.5791, 58.7591, 40.3384



56.9480, 65.3551, 100.0557

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.



54.2325, 58.7591, 104.7504



63.5791, 58.7591, 40.3384



45.3955, 58.7591, 77.9861

Square

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



63.5791, 58.7591, 40.3384



46.8319, 58.7591, 45.0423



48.7719, 58.7591, 95.4153



65.9545, 58.7591, 87.5937

Rectangle

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



63.5791, 58.7591, 40.3384



53.3271, 58.7591, 35.7716



48.7719, 58.7591, 95.4153



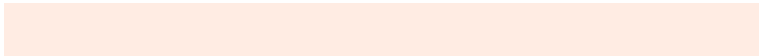
58.4487, 58.7591, 104.1004

Sweetspot

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



63.5806, 58.7619, 40.3396



85.1220, 86.8509, 84.9144



64.6849, 49.9916, 74.5539



17.9758, 18.2638, 17.5951



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.



63.5806, 58.7619, 40.3396



62.3819, 55.6354, 33.3581



74.7727, 81.1461, 44.0703



17.7069, 18.1496, 18.0324



22.6098, 14.1764, 1.5446



2.1863, 1.4974, 0.1738

Inverse Universe

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



56.9480, 65.3551, 100.0557



54.5200, 63.3956, 103.9708



46.6604, 44.7799, 96.6265



17.2608, 18.5984, 22.0654



16.7623, 18.8802, 50.7343



1.6490, 1.9416, 4.7310

Previews

White Background



This preview shows how the XYZ color 63.5791, 58.7591, 40.3384 looks on a white background.

Color Contrast Check

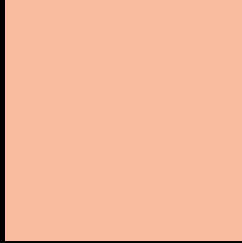
Large Text (above 18pt) WCAG AA × Fail

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 63.5791, 58.7591, 40.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

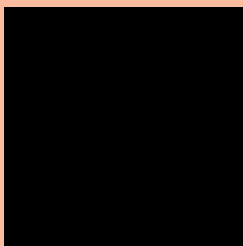
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5791, 58.7591, 40.3384

Background



This preview shows how black text looks on a background with the XYZ color 63.5791, 58.7591, 40.3384.



This preview shows how white text looks on a background with the XYZ color 63.5791, 58.7591,

40.3384.

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

63.5791, 58.7591, 40.3384

Protanopia

55.3190, 58.7498, 43.5462

Deuteranopia

60.3026, 59.0224, 40.1125



Tritanopia

67.8846, 58.9690, 60.6276

Trichromacy



Original Color

63.5791, 58.7591, 40.3384

Protanomaly

57.9401, 58.4194, 42.4047

Deuteranomaly

61.5534, 59.0108, 40.0443

Tritanomaly

66.4042, 58.9995, 52.6879

Monochromacy



Original Color

63.5791, 58.7591, 40.3384

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 63.5791, 58.7591, 40.3384 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(250, 188, 158)` looks like.

```
.text, #text, p{  
    color:rgb(250, 188, 158)  
}
```

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(250, 188, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 188, 158) }
```

Border

The CSS property to change the border of an element to XYZ 63.5791, 58.7591, 40.3384 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(250, 188, 158) }
```


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

```
.border{ border-color:rgb(250, 188, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 188, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 188, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 188, 158);  
box-shadow:4px 4px 4px 4px rgb(250, 188,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5791, 58.7591, 40.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 188, 158) }
```

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

```
.background{ background-color: rgb(250,  
188, 158) }
```

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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