

Converting Colors

XYZ(65.3147, 59.5097, 40.4745)

Have a look what the booklet for
XYZ(65.3147, 59.5097, 40.4745)
contains.

XYZ(65.3948, 59.6951, 40.4234)	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(65.3948, 59.6951,
40.4234)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC9E
RGB	255, 188, 158
RGB Percent	100%, 74%, 62%
CMY	0.0000, 0.2627, 0.3804
CMYK	0.00, 0.26, 0.38, 0.00
HSL	19°, 100%, 81%
HSV	19°, 38%, 100%
XYZ	65.3948, 59.6951, 40.4234
YIQ	204.6130, 49.5620, 4.8740

Conversions

Conversions Part 2

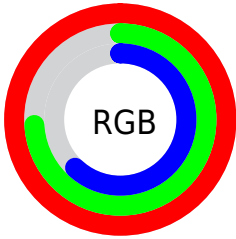
Format	Color
R _Y B	255, 201, 158
Decimal	16759966
CIE Lab	81.67, 20.41, 24.66
CIE LCh	82, 32.005, 50.390
Yxy	59.6951, 0.3951, 0.3607
Android (android.graphics.Color)	4294950046 (0xFFFFBC9E)
YUV	204.6130, -22.9802, 44.1894
Hunter-Lab	77.2626, 15.8722, 23.0636

Details

The XYZ color **65.3948, 59.6951, 40.4234** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.0747, 68.3370, 104.6845**, and the grayscale version is **57.9031, 60.9186, 66.3403**.

A 20% lighter version of the original color is **85.6009, 90.7655, 75.9586**, and **34.0304, 30.1043, 17.6528** is the 20% darker color. If you saturate the color by 10%, you get **59.8881, 51.8374, 28.8594**, and if you desaturate by 10%, it is **71.8191, 68.6590, 54.5412**.

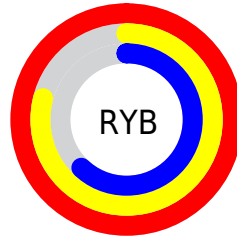
Distribution



Red (100%)

Green (74%)

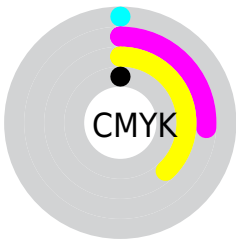
Blue (62%)



Red (100%)

Yellow (79%)

Blue (62%)

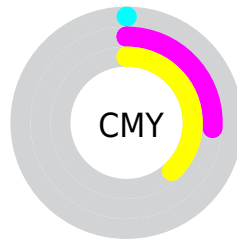


Cyan (0%)

Magenta (26%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3948, 59.6951, 40.4234 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 65.3948, 59.6951, 40.4234 by changing the saturation by 10% instead.


 65.3948, 59.6951,
40.4234


 65.3948, 59.6951,
40.4234


433.7322,
423.4730, 363.5099

 48.0472, 43.1729,
27.5525


 111.6798,
104.3872, 77.0519

 34.0756, 30.0208,
17.7525


 141.3479,
133.3260, 101.6467

 23.1149, 19.8544,
10.6049


175.8536,
167.1724, 130.9865

 14.7995, 12.2892,
5.6910

215.5621,
206.3109, 165.4899

 8.7642, 6.9410,
2.5924

260.8388,
251.1258, 205.5754

 4.6436, 3.4252,
0.8885

312.0492,

 2.0723, 1.3576,

302.0015, 251.6615

0.0000

369.5585,
359.3224, 304.1668

0.6741, 0.1851,
0.0000

0.0000, 0.0000,
0.0000

65.3948, 59.6951,
40.4234

65.3948, 59.6951,
40.4234

59.8881, 51.8374,
28.8594

71.8191, 68.6590,
54.5412

55.2496, 45.0330,
19.6906

79.1981, 78.7622,
71.3511

51.4319, 39.2373,
12.7464

87.5722, 90.0468,
90.9855

48.3804, 34.3987,
7.8313

95.0500, 100.0000,
108.9000

■ 46.0329, 30.4605,
4.7154

■ 44.3100, 27.3562,
3.0885

■ 44.0274, 26.8347,
2.8591

Harmonies

Analogous

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



69.7526, 59.6951, 52.9220



65.3948, 59.6951, 40.4234



58.9262, 59.6951, 34.8777

Triad

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



65.3948, 59.6951, 40.4234



44.9123, 59.6951, 59.0053



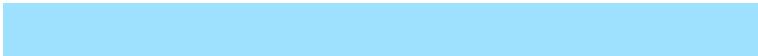
61.3673, 59.6951, 106.2911

Complementary

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



65.3948, 59.6951, 40.4234



59.0747, 68.3370, 104.6845

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.



54.6055, 59.6951, 108.8120



65.3948, 59.6951, 40.4234



45.4529, 59.6951, 78.7836

Square

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



65.3948, 59.6951, 40.4234



47.3418, 59.6951, 44.1176



48.8817, 59.6951, 97.9330



67.3028, 59.6951, 91.6040

Rectangle

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



65.3948, 59.6951, 40.4234



54.4365, 59.6951, 34.9356



48.8817, 59.6951, 97.9330



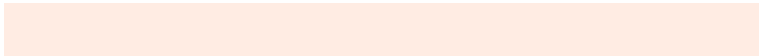
59.1043, 59.6951, 108.6886

Sweetspot

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



65.3963, 59.6980, 40.4246



84.9864, 86.5795, 84.8691



67.1809, 51.1998, 78.2216



17.9436, 18.1994, 17.5844



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.



65.3963, 59.6980, 40.4246



60.9389, 53.3526, 31.0173



77.2922, 83.4897, 44.3899



18.4677, 18.9035, 18.8197



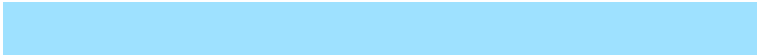
23.1210, 14.2533, 1.5325



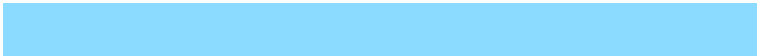
2.3434, 1.5721, 0.1799

Inverse Universe

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



59.0747, 68.3370, 104.6845



53.7389, 63.1122, 103.9573



47.9524, 46.0923, 100.9771



18.0530, 19.4775, 23.0580



17.6949, 20.2995, 52.4201



1.8201, 2.1709, 5.1364

Previews

White Background



This preview shows how the XYZ color 65.3948, 59.6951, 40.4234 looks on a white background.

Color Contrast Check

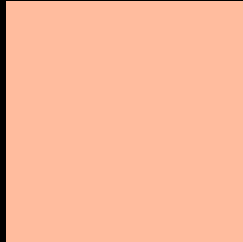
Large Text (above 18pt) WCAG AA × Fail

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 65.3948, 59.6951, 40.4234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

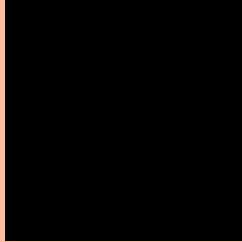
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3948, 59.6951, 40.4234

Background



This preview shows how black text looks on a background with the XYZ color 65.3948, 59.6951, 40.4234.



This preview shows how white text looks on a background with the XYZ color 65.3948, 59.6951,

40.4234.

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

65.3948, 59.6951, 40.4234

Protanopia

56.4664, 60.0274, 44.2077

Deuteranopia

61.1975, 59.8153, 40.2183



Tritanopia

68.4585, 59.5722, 60.7138

Trichromacy



Original Color

65.3948, 59.6951, 40.4234

Protanomaly

59.3488, 59.8198, 42.6008

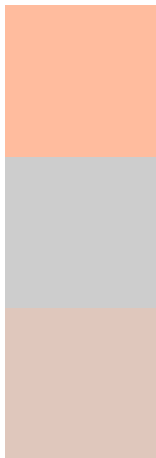
Deuteranomaly

62.5916, 59.5461, 40.0929

Tritanomaly

67.1362, 59.3768, 52.7222

Monochromacy



Original Color

65.3948, 59.6951, 40.4234

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.9319, 60.1657, 56.0313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3948, 59.6951, 40.4234 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(255, 188, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 188, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 158) }
```

Border

The CSS property to change the border of an element to XYZ 65.3948, 59.6951, 40.4234 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(255, 188, 158) }
```


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

```
.border{ border-color:rgb(255, 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(255, 188, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3948, 59.6951, 40.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 158) }
```

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

```
.background{ background-color: rgb(255,  
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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