

Converting Colors

XYZ(61.0824, 56.3272, 34.1511)

Have a look what the booklet for
XYZ(61.0824, 56.3272, 34.1511)
contains.

XYZ(61.2415, 56.4343, 34.0507)	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(61.2415, 56.4343,
34.0507)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B890
RGB	249, 184, 144
RGB Percent	98%, 72%, 56%
CMY	0.0235, 0.2784, 0.4353
CMYK	0.00, 0.26, 0.42, 0.02
HSL	23°, 90%, 77%
HSV	23°, 42%, 98%
XYZ	61.2415, 56.4343, 34.0507
YIQ	198.8750, 51.5800, 1.3400

Conversions

Conversions Part 2

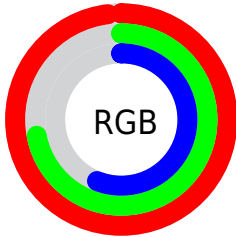
Format	Color
R _Y B	249, 209, 144
Decimal	16365712
CIE Lab	79.86, 18.66, 29.52
CIE LCh	80, 34.928, 57.698
Yxy	56.4343, 0.4036, 0.3719
Android (android.graphics.Color)	4294555792 (0xFFFF9B890)
YUV	198.8750, -27.0534, 43.9596
Hunter-Lab	75.1228, 14.0517, 25.7117

Details

The XYZ color **61.2415, 56.4343, 34.0507** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4001, 58.3677, 98.1796**, and the grayscale version is **54.3490, 57.1794, 62.2683**.

A 20% lighter version of the original color is **82.5931, 87.6574, 65.9925**, and **31.3273, 27.9701, 14.1036** is the 20% darker color. If you saturate the color by 10%, you get **56.5152, 49.6989, 24.0990**, and if you desaturate by 10%, it is **66.7392, 64.0407, 46.3313**.

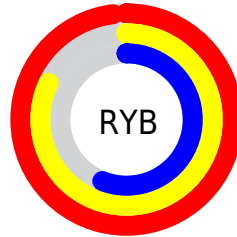
Distribution



Red (98%)

Green (72%)

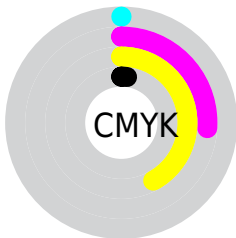
Blue (56%)



Red (98%)

Yellow (82%)

Blue (56%)

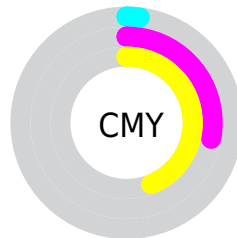


Cyan (0%)

Magenta (26%)

Yellow (42%)

Black (2%)



Cyan (2%)


Magenta (28%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2415, 56.4343, 34.0507 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 61.2415, 56.4343, 34.0507 by changing the saturation by 10% instead.


 61.2415, 56.4343,
34.0507

 61.2415, 56.4343,
34.0507


418.9207,
411.3262, 335.1341

 44.6734, 40.5512,
22.6549


 105.7247, 99.6393,
67.1473

 31.4004, 27.9686,
14.1360


 134.3704,
127.7300, 89.6852

 21.0573, 18.3020,
8.0755


167.7728,
160.6587, 116.7741

 13.2786, 11.1670,
4.0548

206.2970,
198.8098, 148.8327

 7.6990, 6.1793,
1.6555

250.3086,
242.5677, 186.2794

 3.9531, 2.9544,
0.3299

300.1729,

 1.6756, 1.1080,

292.3168, 229.5329

0.0000

356.2551,
348.4415, 279.0116

0.4410, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

61.2415, 56.4343,
34.0507

61.2415, 56.4343,
34.0507

56.5152, 49.6989,
24.0990

66.7392, 64.0407,
46.3313

52.5171, 43.7930,
16.3221

73.0401, 72.5415,
61.0745

49.2056, 38.6834,
10.5527

80.1791, 81.9689,
78.4078

46.5323, 34.3308,
6.5966

88.1876, 92.3512,
98.4488

■ 44.4404, 30.6916,
4.2206

■ 92.8769, 98.8798,
108.7983

■ 43.1474, 28.3007,
3.1885

Harmonies

Analogous

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



66.6071, 56.4343, 45.0601



61.2415, 56.4343, 34.0507



54.1874, 56.4343, 30.1626

Triad

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



61.2415, 56.4343, 34.0507



41.1630, 56.4343, 59.8957



60.2135, 56.4343, 102.7973

Complementary

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



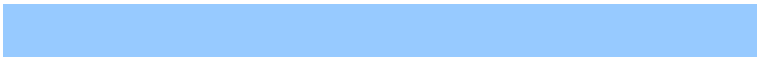
61.2415, 56.4343, 34.0507



51.4001, 58.3677, 98.1796

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.



53.0946, 56.4343, 109.1713



61.2415, 56.4343, 34.0507



42.4741, 56.4343, 81.3920

Square

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



61.2415, 56.4343, 34.0507



42.9434, 56.4343, 42.8918



46.6934, 56.4343, 100.6077



65.9778, 56.4343, 84.7050

Rectangle

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



61.2415, 56.4343, 34.0507



49.6093, 56.4343, 31.3045



46.6934, 56.4343, 100.6077



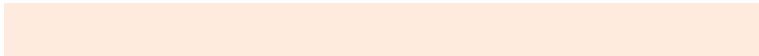
57.8815, 56.4343, 106.5343

Sweetspot

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



61.2429, 56.4370, 34.0518



83.9644, 85.6453, 81.1077



60.7358, 44.7649, 66.7397



17.6024, 17.8466, 16.4545



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.



61.2429, 56.4370, 34.0518



60.1712, 53.2048, 26.4835



73.8095, 81.5702, 38.2407



17.7866, 18.3091, 18.0590



23.2225, 15.4017, 1.7489



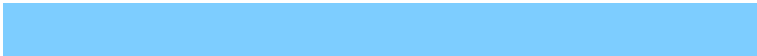
2.2495, 1.6239, 0.1949

Inverse Universe

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



51.4001, 58.3677, 98.1796



48.4394, 55.4548, 102.7586



40.8279, 37.2232, 94.6555



17.1779, 18.4326, 22.0378



15.4913, 16.3383, 50.3107



1.5371, 1.7178, 4.6937

Previews

White Background



This preview shows how the XYZ color 61.2415, 56.4343, 34.0507 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 61.2415, 56.4343, 34.0507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

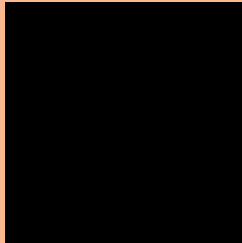
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2415, 56.4343, 34.0507

Background



This preview shows how black text looks on a background with the XYZ color 61.2415, 56.4343, 34.0507.



This preview shows how white text looks on a background with the XYZ color 61.2415, 56.4343,

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

61.2415, 56.4343, 34.0507

Protanopia

52.8505, 56.5872, 36.9911

Deuteranopia

57.6323, 56.4722, 33.8493



Tritanopia

65.8324, 56.4850, 56.7232

Trichromacy



Original Color

61.2415, 56.4343, 34.0507

Protanomaly

55.4666, 56.2856, 35.9578

Deuteranomaly

58.8763, 56.4749, 33.7842

Tritanomaly

64.1061, 56.3940, 47.5508

Monochromacy



Original Color

61.2415, 56.4343, 34.0507

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.0437, 56.5900, 50.6170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2415, 56.4343, 34.0507 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, 184, 144)` looks like.

```
.text, #text, p{  
    color:rgb(249, 184, 144)  
}
```

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, 184, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 184, 144) }
```

Border

The CSS property to change the border of an element to XYZ 61.2415, 56.4343, 34.0507 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, 184, 144) }
```


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

```
.border{ border-color:rgb(249, 184, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 184, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 184, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 184, 144);  
box-shadow:4px 4px 4px 4px rgb(249, 184,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2415, 56.4343, 34.0507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 184, 144) }
```

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

```
.background{ background-color: rgb(249,  
184, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor