

Converting Colors

XYZ(62.1901, 54.4806, 35.6718)

Have a look what the booklet for
XYZ(62.1901, 54.4806, 35.6718)
contains.

XYZ(62.1901, 54.4806, 35.6718)	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(62.1901, 54.4806,
35.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB095
RGB	255, 176, 149
RGB Percent	100%, 69%, 58%
CMY	0.0000, 0.3098, 0.4157
CMYK	0.00, 0.31, 0.42, 0.00
HSL	15°, 100%, 79%
HSV	15°, 42%, 100%
XYZ	62.1901, 54.4806, 35.6718
YIQ	196.5430, 55.7510, 8.3510

Conversions

Conversions Part 2

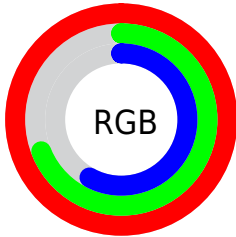
Format	Color
R _Y B	255, 185, 149
Decimal	16756885
CIE Lab	78.74, 25.71, 25.47
CIE LCh	79, 36.190, 44.736
Yxy	54.4806, 0.4082, 0.3576
Android (android.graphics.Color)	4294946965 (0xFFFFB095)
YUV	196.5430, -23.4387, 51.2668
Hunter-Lab	73.8110, 21.2276, 23.0137

Details

The XYZ color **62.1901, 54.4806, 35.6718** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.1865, 69.0934, 104.8771**, and the grayscale version is **52.9099, 55.6653, 60.6195**.

A 20% lighter version of the original color is **80.8761, 83.2850, 68.3129**, and **32.0525, 26.7835, 15.0357** is the 20% darker color. If you saturate the color by 10%, you get **56.9041, 46.8177, 24.9415**, and if you desaturate by 10%, it is **68.4462, 63.3703, 48.9254**.

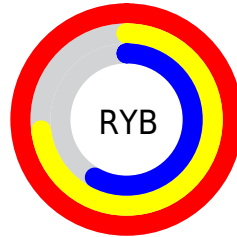
Distribution



Red (100%)

Green (69%)

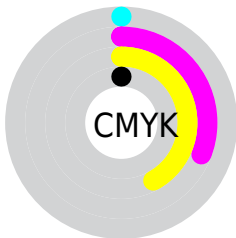
Blue (58%)



Red (100%)

Yellow (73%)

Blue (58%)

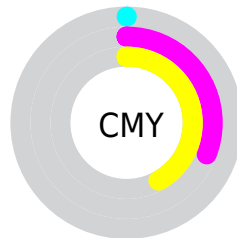


Cyan (0%)

Magenta (31%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1901, 54.4806, 35.6718 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 62.1901, 54.4806, 35.6718 by changing the saturation by 10% instead.


 62.1901, 54.4806,
35.6718


 62.1901, 54.4806,
35.6718


422.3307,
403.9400, 342.5177

 45.4425, 38.9860,
23.8931


 107.0886, 96.7795,
69.6885

 32.0089, 26.7489,
15.0429

 135.9703,
124.3527, 92.7637

 21.5239, 17.3847,
8.7025


169.6273,
156.7208, 120.4414

 13.6221, 10.5092,
4.4535

208.4250,
194.2683, 153.1403

 7.9382, 5.7378,
1.8773

252.7289,
237.3796, 191.2788

 4.1069, 2.6863,
0.4782

302.9042,

 1.7628, 0.9703,

286.4391, 235.2755

0.0000

359.3164,
341.8311, 285.5489

0.4951, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

62.1901, 54.4806,
35.6718

62.1901, 54.4806,
35.6718

56.9041, 46.8177,
24.9415

68.4462, 63.3703,
48.9254

52.5331, 40.3188,
16.5692

75.7153, 73.5301,
64.8465

49.0225, 34.9273,
10.3749

84.0426, 85.0109,
83.5725

46.3096, 30.5783,
6.1509

93.4694, 97.8584,
105.2301

■ 44.3216, 27.1994,
3.6481

95.0499, 99.9999,
108.9000

■ 43.1283, 25.0367,
2.5595

Harmonies

Analogous

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



66.2699, 54.4806, 49.8455



62.1901, 54.4806, 35.6718



55.4917, 54.4806, 28.8341

Triad

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



62.1901, 54.4806, 35.6718



39.6040, 54.4806, 49.5340



55.3636, 54.4806, 106.2041

Complementary

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



62.1901, 54.4806, 35.6718



58.1865, 69.0934, 104.8771

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.



48.2418, 54.4806, 106.0657



62.1901, 54.4806, 35.6718



39.5766, 54.4806, 69.9251

Square

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



62.1901, 54.4806, 35.6718



42.6842, 54.4806, 35.4893



42.6055, 54.4806, 91.6232



62.0889, 54.4806, 91.9665

Rectangle

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



62.1901, 54.4806, 35.6718



50.6537, 54.4806, 28.0645



42.6055, 54.4806, 91.6232



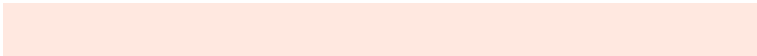
52.9272, 54.4806, 107.9270

Sweetspot

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



62.1915, 54.4833, 35.6729



83.6607, 84.4872, 82.7040



66.0607, 48.3846, 79.6207



17.6621, 17.7480, 17.1469



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.



62.1915, 54.4833, 35.6729



57.6714, 47.9412, 26.4639



74.5460, 79.1923, 39.7910



18.3854, 18.7390, 18.7923



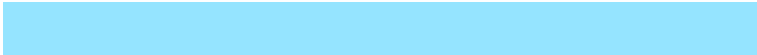
22.6356, 13.2825, 1.3707



2.2870, 1.4594, 0.1612

Inverse Universe

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



58.1865, 69.0934, 104.8771



53.1358, 64.2879, 104.2160



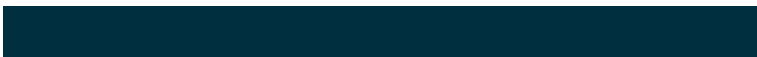
45.8723, 44.4650, 100.7723



18.1401, 19.6518, 23.0870



19.1828, 23.2752, 52.9161



1.9553, 2.4412, 5.1814

Previews

White Background



This preview shows how the XYZ color 62.1901, 54.4806, 35.6718 looks on a white background.

Color Contrast Check

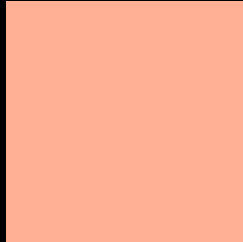
Large Text (above 18pt) WCAG AA × Fail

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 62.1901, 54.4806, 35.6718 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 62.1901, 54.4806, 35.6718

Background



This preview shows how black text looks on a background with the XYZ color 62.1901, 54.4806, 35.6718.



This preview shows how white text looks on a background with the XYZ color 62.1901, 54.4806,

35.6718.

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

62.1901, 54.4806, 35.6718

Protanopia

51.4188, 54.7642, 40.2082

Deuteranopia

55.6699, 54.4702, 35.1834



Tritanopia

64.9405, 54.6499, 53.0247

Trichromacy



Original Color

62.1901, 54.4806, 35.6718

Protanomaly

54.6401, 54.1803, 38.5883

Deuteranomaly

57.8754, 54.3558, 35.4583

Tritanomaly

63.8224, 54.5107, 46.1875

Monochromacy



Original Color

62.1901, 54.4806, 35.6718

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.3493, 54.5959, 50.8009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1901, 54.4806, 35.6718 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, 176, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 149)  
}
```

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, 176, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 149) }
```

Border

The CSS property to change the border of an element to XYZ 62.1901, 54.4806, 35.6718 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, 176, 149) }
```


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

```
.border{ border-color:rgb(255, 176, 149) }
```

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

Here you see how a box with a 4 pixel rgb(255, 176, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1901, 54.4806, 35.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 149) }
```

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

```
.background{ background-color: rgb(255,  
176, 149) }
```

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