

Converting Colors

XYZ(71.5410, 59.1994, 34.2055)

Have a look what the booklet for
XYZ(71.5410, 59.1994, 34.2055)
contains.

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Color

**XYZ(61.7994, 54.3243,
33.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB090
RGB	255, 176, 144
RGB Percent	100%, 69%, 56%
CMY	0.0000, 0.3098, 0.4353
CMYK	0.00, 0.31, 0.44, 0.00
HSL	17°, 100%, 78%
HSV	17°, 44%, 100%
XYZ	61.7994, 54.3243, 33.6140
YIQ	195.9730, 57.3560, 6.7960

Conversions

Conversions Part 2

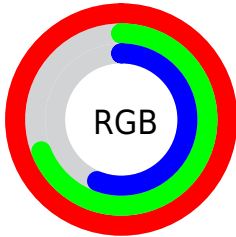
Format	Color
R _Y B	255, 189, 144
Decimal	16756880
CIE Lab	78.65, 25.19, 28.02
CIE LCh	79, 37.676, 48.047
Yxy	54.3243, 0.4127, 0.3628
Android (android.graphics.Color)	4294946960 (0xFFFFB090)
YUV	195.9730, -25.6227, 51.7667
Hunter-Lab	73.7050, 20.6830, 24.5536

Details

The XYZ color **61.7994, 54.3243, 33.6140** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.9381, 65.9219, 104.3836**, and the grayscale version is **52.5791, 55.3173, 60.2406**.

A 20% lighter version of the original color is **80.2897, 83.0504, 65.2247**, and **31.8237, 26.6920, 13.8307** is the 20% darker color. If you saturate the color by 10%, you get **56.7428, 46.9857, 23.3747**, and if you desaturate by 10%, it is **67.7747, 62.7956, 46.3321**.

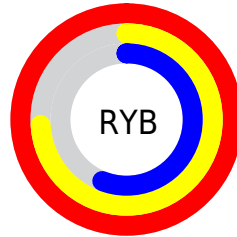
Distribution



Red (100%)

Green (69%)

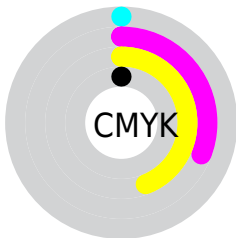
Blue (56%)



Red (100%)

Yellow (74%)

Blue (56%)

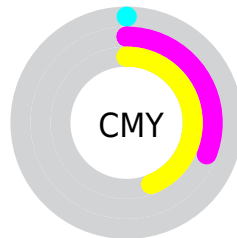


Cyan (0%)

Magenta (31%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7994, 54.3243, 33.6140 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 61.7994, 54.3243, 33.6140 by changing the saturation by 10% instead.


 61.7994, 54.3243,
33.6140


 61.7994, 54.3243,
33.6140


420.9282,
403.3455, 333.1239

 45.1256, 38.8610,
22.3223


 106.5271, 96.5502,
66.4600

 31.7581, 26.6516,
13.8933


 135.3118,
124.0817, 88.8513

 21.3314, 17.3117,
7.9086


168.8641,
156.4046, 115.7796

 13.4803, 10.4570,
3.9496

207.5495,
193.9034, 147.6633

 7.8394, 5.7030,
1.5977

251.7332,
236.9625, 184.9211

 4.0433, 2.6653,
0.2892

301.7807,

 1.7267, 0.9596,

285.9663, 227.9714

0.0000

358.0572,
341.2991, 277.2328

■ 0.4729, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7994, 54.3243,
33.6140

■ 61.7994, 54.3243,
33.6140

■ 56.7428, 46.9857,
23.3747

■ 67.7747, 62.7956,
46.3321

■ 52.5519, 40.7225,
15.4467

■ 74.7093, 72.4380,
61.6750

■ 49.1744, 35.4837,
9.6467

■ 82.6466, 83.2976,
79.7810

■ 46.5498, 31.2109,
5.7615

■ 91.6257, 95.4158,
100.7779

■ 44.6071, 27.8385, 95.0500, 100.0000,
3.5324 108.9000

■ 43.6572, 26.0946,
2.7358

Harmonies

Analogous

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



66.4641, 54.3243, 47.3443



61.7994, 54.3243, 33.6140



54.6534, 54.3243, 27.4411

Triad

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



61.7994, 54.3243, 33.6140



38.8651, 54.3243, 51.0641



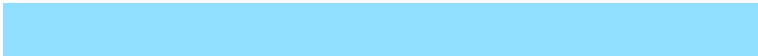
56.1932, 54.3243, 107.2793

Complementary

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



61.7994, 54.3243, 33.6140



55.9381, 65.9219, 104.3836

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.



48.7272, 54.3243, 108.9643



61.7994, 54.3243, 33.6140



39.1917, 54.3243, 72.7710

Square

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



61.7994, 54.3243, 33.6140



41.7091, 54.3243, 35.7713



42.6487, 54.3243, 95.1484



63.0195, 54.3243, 90.9830

Rectangle

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



61.7994, 54.3243, 33.6140



49.6570, 54.3243, 27.1515



42.6487, 54.3243, 95.1484



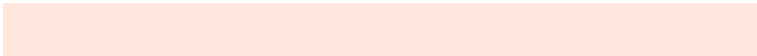
53.6620, 54.3243, 109.6947

Sweetspot

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



61.8008, 54.3270, 33.6151



83.0951, 83.9066, 80.8179



64.6071, 46.5644, 75.7844



17.3893, 17.4204, 16.3835



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.



61.8008, 54.3270, 33.6151



57.4587, 48.0370, 24.7862



74.8361, 80.3976, 37.9602



18.4360, 18.8401, 18.8092



22.9219, 13.8550, 1.4662



2.3207, 1.5267, 0.1724

Inverse Universe

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



55.9381, 65.9219, 104.3836



50.8854, 60.8921, 103.6791



43.5639, 41.1736, 100.2589



18.0864, 19.5444, 23.0691



18.2505, 21.4105, 52.6053



1.8708, 2.2723, 5.1533

Previews

White Background



This preview shows how the XYZ color 61.7994, 54.3243, 33.6140 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 61.7994, 54.3243, 33.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

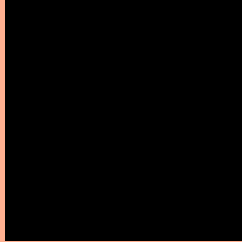
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7994, 54.3243, 33.6140

Background



This preview shows how black text looks on a background with the XYZ color 61.7994, 54.3243, 33.6140.



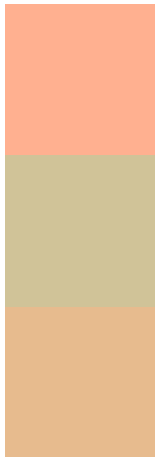
This preview shows how white text looks on a background with the XYZ color 61.7994, 54.3243,

33.6140.

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

61.7994, 54.3243, 33.6140

Protanopia

51.1950, 54.7071, 37.5670

Deuteranopia

55.6078, 54.4826, 33.1765



Tritanopia

64.6443, 54.2257, 52.4069

Trichromacy



Original Color

61.7994, 54.3243, 33.6140

Protanomaly

54.4594, 54.1439, 36.0143

Deuteranomaly

57.8266, 54.3754, 33.4343

Tritanomaly

63.3450, 54.0117, 44.6228

Monochromacy



Original Color

61.7994, 54.3243, 33.6140

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.7487, 54.3212, 49.1945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7994, 54.3243, 33.6140 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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(255, 176, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 144) }
```

Border

The CSS property to change the border of an element to XYZ 61.7994, 54.3243, 33.6140 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, 144) }
```


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

```
.border{ border-color:rgb(255, 176, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7994, 54.3243, 33.6140 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, 144) }
```

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

```
.background{ background-color: rgb(255,  
176, 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](#).

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