

Converting Colors

XYZ(60.1546, 53.9018, 24.2271)

Have a look what the booklet for
XYZ(60.1546, 53.9018, 24.2271)
contains.

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Color

**XYZ(60.2322, 54.0123,
24.3904)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB176
RGB	255, 177, 118
RGB Percent	100%, 69%, 46%
CMY	0.0000, 0.3059, 0.5372
CMYK	0.00, 0.31, 0.54, 0.00
HSL	26°, 100%, 73%
HSV	26°, 54%, 100%
XYZ	60.2322, 54.0123, 24.3904
YIQ	193.5960, 65.4270, -1.8130

Conversions

Conversions Part 2

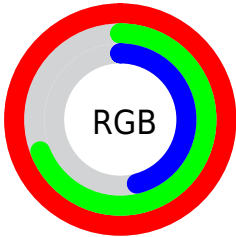
Format	Color
R_{YB}	255, 222, 118
Decimal	16757110
CIE _{Lab}	78.47, 22.28, 41.41
CIE _{LCh}	78, 47.024, 61.723
Yxy	54.0123, 0.4345, 0.3896
Android (android.graphics.Color)	4294947190 (0xFFFFB176)
YUV	193.5960, -37.2688, 53.8513
Hunter-Lab	73.4931, 17.6792, 31.7684

Details

The XYZ color **60.2322, 54.0123, 24.3904** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.2602, 50.5492, 101.9790**, and the grayscale version is **51.2268, 53.8945, 58.6911**.

A 20% lighter version of the original color is **77.7296, 82.4781, 50.3512**, and **30.7567, 26.4348, 8.9502** is the 20% darker color. If you saturate the color by 10%, you get **56.2004, 48.0550, 16.5541**, and if you desaturate by 10%, it is **64.9812, 60.7489, 34.4872**.

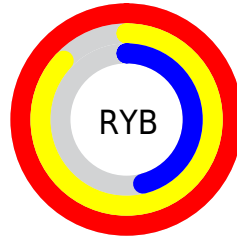
Distribution



Red (100%)

Green (69%)

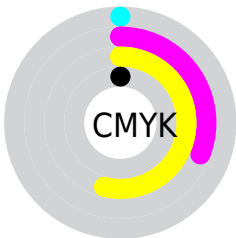
Blue (46%)



Red (100%)

Yellow (87%)

Blue (46%)

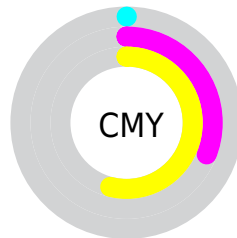


Cyan (0%)

Magenta (31%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2322, 54.0123, 24.3904 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 60.2322, 54.0123, 24.3904 by changing the saturation by 10% instead.


 60.2322, 54.0123,
24.3904


 60.2322, 54.0123,
24.3904


415.2742,
402.1569, 288.1382


 43.8560, 38.6115,
15.4086


 104.2709, 96.0923,
51.6183

 30.7547, 26.4576,
8.9569

 132.6640,
123.5403, 70.7015

 20.5631, 17.1663,
4.6166


 165.7936,
155.7728, 93.9889

 12.9156, 10.3531,
1.9694

204.0248,
193.1742, 121.8991

 7.4471, 5.6337,
0.5363

247.7231,
236.1289, 154.8506

 3.7920, 2.6237,
0.0000

297.2539,

 1.5852, 0.9386,

285.0214, 193.2619

0.0000

352.9825,
340.2359, 237.5516

■ 0.3827, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2322, 54.0123,
24.3904

■ 60.2322, 54.0123,
24.3904

■ 56.2004, 48.0550,
16.5541

■ 64.9812, 60.7489,
34.4872

■ 52.8387, 42.8364,
10.7939

■ 70.4827, 68.2870,
47.0029

■ 50.0990, 38.3236,
6.9007

■ 76.7739, 76.6575,
62.0849

■ 47.9229, 34.4763,
4.6191

■ 83.8883, 85.8872,
79.8679

46.7973, 32.3748,
3.7825

91.8572, 96.0015,
100.4771

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



68.0005, 54.0123, 35.8869



60.2322, 54.0123, 24.3904



50.8041, 54.0123, 21.1754

Triad

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



60.2322, 54.0123, 24.3904



35.5324, 54.0123, 60.3551



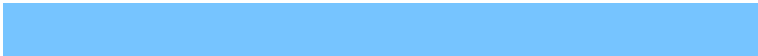
61.2685, 54.0123, 113.6487

Complementary

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



60.2322, 54.0123, 24.3904



45.2602, 50.5492, 101.9790

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.



51.8737, 54.0123, 125.8307



60.2322, 54.0123, 24.3904



37.6459, 54.0123, 89.8655

Square

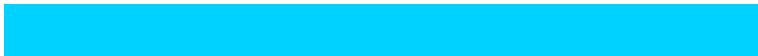
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.2322, 54.0123, 24.3904



37.2127, 54.0123, 37.8294



43.3639, 54.0123, 116.0415



68.6475, 54.0123, 86.3918

Rectangle

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



60.2322, 54.0123, 24.3904



45.0315, 54.0123, 23.0472



43.3639, 54.0123, 116.0415



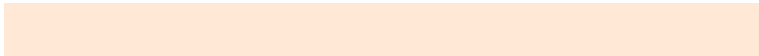
58.2054, 54.0123, 119.9564

Sweetspot

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



60.2335, 54.0150, 24.3914



82.1958, 83.7105, 75.5779



57.9020, 38.2907, 57.7151



17.2736, 17.5043, 15.3727



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.



60.2335, 54.0150, 24.3914



56.0993, 47.9017, 16.3686



76.7354, 87.0188, 29.8921



18.6527, 19.2737, 18.8814



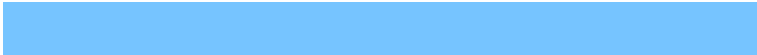
24.5942, 17.1995, 2.0236



2.5006, 1.8866, 0.2324

Inverse Universe

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



45.2602, 50.5492, 101.9790



39.7320, 44.0617, 101.0184



33.4269, 26.8827, 98.0345



17.8614, 19.0945, 22.9942



14.8872, 14.6840, 51.4842



1.5581, 1.6469, 5.0490

Previews

White Background



This preview shows how the XYZ color 60.2322, 54.0123, 24.3904 looks on a white background.

Color Contrast Check

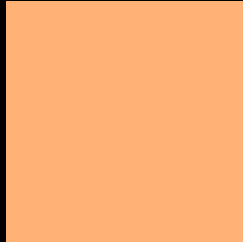
Large Text (above 18pt) WCAG AA × Fail

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 60.2322, 54.0123, 24.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

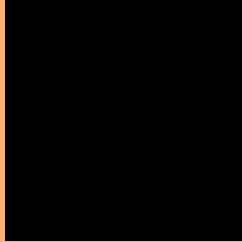
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2322, 54.0123, 24.3904

Background



This preview shows how black text looks on a background with the XYZ color 60.2322, 54.0123, 24.3904.



This preview shows how white text looks on a background with the XYZ color 60.2322, 54.0123,

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

60.2322, 54.0123, 24.3904

Protanopia

50.3682, 54.5079, 27.2684

Deuteranopia

55.3034, 54.2116, 24.0721



Tritanopia

64.3502, 53.8047, 51.7935

Trichromacy



Original Color

60.2322, 54.0123, 24.3904

Protanomaly

53.4910, 53.8656, 25.9902

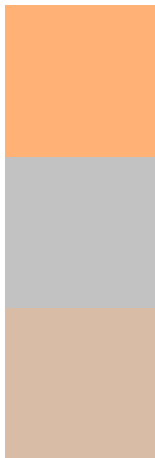
Deuteranomaly

57.1065, 54.2060, 24.2826

Tritanomaly

62.4416, 53.6503, 39.8654

Monochromacy



Original Color

60.2322, 54.0123, 24.3904

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.1851, 53.3185, 43.5647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2322, 54.0123, 24.3904 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, 177, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 118)  
}
```

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, 177, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 118) }
```

Border

The CSS property to change the border of an element to XYZ 60.2322, 54.0123, 24.3904 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, 177, 118) }
```


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

```
.border{ border-color:rgb(255, 177, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2322, 54.0123, 24.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 118) }
```

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

```
.background{ background-color: rgb(255,  
177, 118) }
```

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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