

Converting Colors

XYZ(129.0363, 89.7518,
26.8577)

Have a look what the booklet for
XYZ(129.0363, 89.7518, 26.8577)
contains.

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Color

**XYZ(60.2549, 54.3386,
23.5323)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB273
RGB	255, 178, 115
RGB Percent	100%, 70%, 45%
CMY	0.0000, 0.3019, 0.5490
CMYK	0.00, 0.30, 0.55, 0.00
HSL	27°, 100%, 73%
HSV	27°, 55%, 100%
XYZ	60.2549, 54.3386, 23.5323
YIQ	193.8410, 66.1150, -3.2690

Conversions

Conversions Part 2

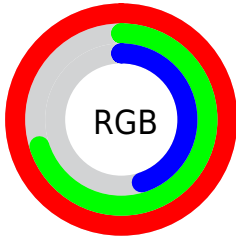
Format	Color
R_{YB}	255, 230, 115
Decimal	16757363
CIE _{Lab}	78.66, 21.51, 43.18
CIE _{LCh}	79, 48.244, 63.518
Yxy	54.3386, 0.4362, 0.3934
Android (android.graphics.Color)	4294947443 (0xFFFFB273)
YUV	193.8410, -38.8686, 53.6364
Hunter-Lab	73.7147, 16.9063, 32.6729

Details

The XYZ color **60.2549, 54.3386, 23.5323** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **43.9689, 48.5619, 101.6633**, and the grayscale version is **51.3806, 54.0564, 58.8674**.

A 20% lighter version of the original color is **77.7307, 82.9328, 48.9566**, and **30.7934, 26.6510, 8.5222** is the 20% darker color. If you saturate the color by 10%, you get **56.3366, 48.5345, 15.9609**, and if you desaturate by 10%, it is **64.8669, 60.8810, 33.3378**.

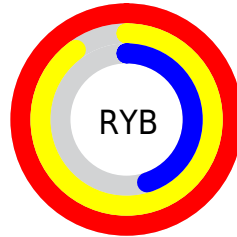
Distribution



Red (100%)

Green (70%)

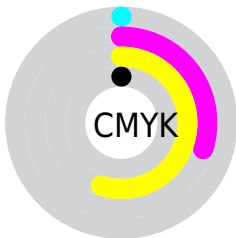
Blue (45%)



Red (100%)

Yellow (90%)

Blue (45%)

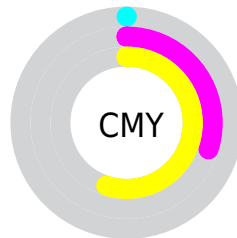


Cyan (0%)

Magenta (30%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2549, 54.3386, 23.5323 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 60.2549, 54.3386, 23.5323 by changing the saturation by 10% instead.


 60.2549, 54.3386,
23.5323


 60.2549, 54.3386,
23.5323


415.3564,
403.3999, 283.6573


 43.8744, 38.8724,
14.7781


 104.3036, 96.5712,
50.2001

 30.7692, 26.6605,
8.5189


 132.7025,
124.1065, 68.9508

 20.5742, 17.3184,
4.3362


 165.8381,
156.4335, 91.8707

 12.9238, 10.4618,
1.8115

204.0760,
193.9368, 119.3783

 7.4527, 5.7062,
0.4356

247.7814,
237.0007, 151.8923

 3.7956, 2.6673,
0.0000

297.3197,

 1.5872, 0.9606,

286.0096, 189.8311

0.0000

353.0562,
341.3478, 233.6132

■ 0.3840, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2549, 54.3386,
23.5323

■ 60.2549, 54.3386,
23.5323

■ 56.3366, 48.5345,
15.9609

■ 64.8669, 60.8810,
33.3378

■ 53.0651, 43.4297,
10.4368

■ 70.2074, 68.1821,
45.5375

■ 50.3929, 38.9932,
6.7469

■ 76.3129, 76.2713,
60.2800

■ 48.2611, 35.1863,
4.6288

■ 83.2164, 85.1737,
77.7011

47.3433, 33.4669,
3.9645

90.9486, 94.9134,
97.9267

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



68.4763, 54.3386, 34.6645



60.2549, 54.3386, 23.5323



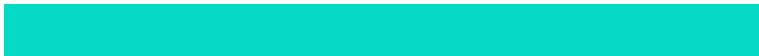
50.5312, 54.3386, 20.7278

Triad

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



60.2549, 54.3386, 23.5323



35.4345, 54.3386, 62.4438



62.4386, 54.3386, 114.5751

Complementary

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



60.2549, 54.3386, 23.5323



43.9689, 48.5619, 101.6633

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.



52.7796, 54.3386, 128.5059



60.2549, 54.3386, 23.5323



37.8295, 54.3386, 93.1251

Square

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



60.2549, 54.3386, 23.5323



36.9233, 54.3386, 38.7175



43.9010, 54.3386, 119.6502



69.8421, 54.3386, 85.7815

Rectangle

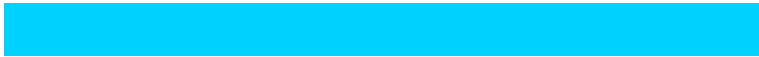
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.2549, 54.3386, 23.5323



44.6762, 54.3386, 22.9174



43.9010, 54.3386, 119.6502



59.3081, 54.3386, 121.4938

Sweetspot

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



60.2562, 54.3413, 23.5333



82.4182, 84.1553, 75.6520



56.8853, 37.3276, 54.0763



17.3264, 17.6100, 15.3903



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.



60.2562, 54.3413, 23.5333



55.9464, 47.9400, 15.2573



77.9017, 89.6323, 29.4152



18.6825, 19.3332, 18.8913



24.8822, 17.7757, 2.1196



2.5299, 1.9452, 0.2421

Inverse Universe

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



43.9689, 48.5619, 101.6633



38.1243, 41.5755, 100.6232



32.0802, 24.7845, 97.7004



17.8312, 19.0340, 22.9841



14.5014, 13.9123, 51.3556



1.5211, 1.5729, 5.0367

Previews

White Background



This preview shows how the XYZ color 60.2549, 54.3386, 23.5323 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 60.2549, 54.3386, 23.5323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

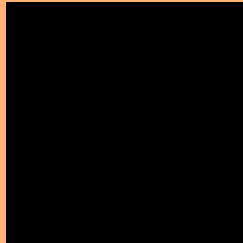
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2549, 54.3386, 23.5323

Background



This preview shows how black text looks on a background with the XYZ color 60.2549, 54.3386, 23.5323.



This preview shows how white text looks on a background with the XYZ color 60.2549, 54.3386,

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

60.2549, 54.3386, 23.5323

Protanopia

50.4069, 54.5568, 25.9630

Deuteranopia

55.4646, 54.3146, 23.1832



Tritanopia

64.6443, 54.2257, 52.4069

Trichromacy



Original Color

60.2549, 54.3386, 23.5323

Protanomaly

53.5223, 54.2211, 25.0976

Deuteranomaly

57.2790, 54.3150, 23.3845

Tritanomaly

62.6341, 54.0353, 39.9296

Monochromacy



Original Color

60.2549, 54.3386, 23.5323

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.0937, 53.2820, 43.0834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2549, 54.3386, 23.5323 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, 178, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 115)  
}
```

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, 178, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 115) }
```

Border

The CSS property to change the border of an element to XYZ 60.2549, 54.3386, 23.5323 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, 178, 115) }
```


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

```
.border{ border-color:rgb(255, 178, 115) }
```

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

Here you see how a box with a 4 pixel rgb(255, 178, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2549, 54.3386, 23.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 115) }
```

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

```
.background{ background-color: rgb(255,  
178, 115) }
```

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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