

Converting Colors

XYZ(57.9328, 53.0129, 12.5277)

Have a look what the booklet for
XYZ(57.9328, 53.0129, 12.5277)
contains.

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Color

**XYZ(57.9753, 53.1095,
12.5057)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB143
RGB	255, 177, 67
RGB Percent	100%, 69%, 26%
CMY	0.0000, 0.3059, 0.7372
CMYK	0.00, 0.31, 0.74, 0.00
HSL	35°, 100%, 63%
HSV	35°, 74%, 100%
XYZ	57.9753, 53.1095, 12.5057
YIQ	187.7820, 81.7980, -17.6740

Conversions

Conversions Part 2

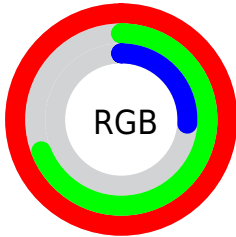
Format	Color
R_{YB}	200, 255, 67
Decimal	16757059
CIE _{Lab}	77.94, 19.13, 64.75
CIE _{LCh}	78, 67.513, 73.543
Yxy	53.1095, 0.4691, 0.4297
Android (android.graphics.Color)	4294947139 (0xFFFFB143)
YUV	187.7820, -59.5455, 58.9502
Hunter-Lab	72.8763, 14.4688, 40.8391

Details

The XYZ color **57.9753, 53.1095, 12.5057** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **30.4897, 28.6629, 98.5328**, and the grayscale version is **47.9723, 50.4706, 54.9625**.

A 20% lighter version of the original color is **73.8301, 80.9183, 29.8167**, and **29.2000, 25.7528, 3.4318** is the 20% darker color. If you saturate the color by 10%, you get **55.3630, 48.8518, 8.6556**, and if you desaturate by 10%, it is **61.0885, 57.8312, 18.1838**.

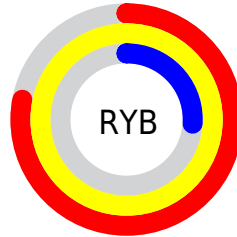
Distribution



Red (100%)

Green (69%)

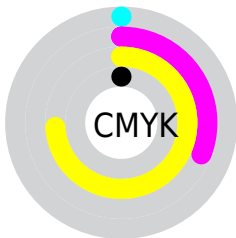
Blue (26%)



Red (78%)

Yellow (100%)

Blue (26%)

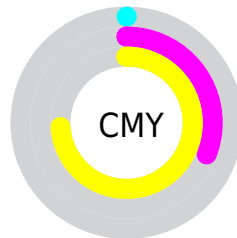


Cyan (0%)

Magenta (31%)

Yellow (74%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9753, 53.1095, 12.5057 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 57.9753, 53.1095, 12.5057 by changing the saturation by 10% instead.


 57.9753, 53.1095,
12.5057

 57.9753, 53.1095,
12.5057


407.0492,
398.7051, 218.8204

 42.0320, 37.8902,
6.9624


 101.0101, 94.7655,
31.0909

 29.3175, 25.8975,
3.3605


 128.8322,
121.9709, 44.9699


 19.4667, 16.7470,
1.2815

 161.3447,
153.9406, 62.4644

 12.1140, 10.0542,
0.0466

 198.9128,
191.0588, 83.9931

 6.8941, 5.4349,
0.0000

 241.9020,
233.7099, 109.9746

 3.4417, 2.5046,
0.0000

290.6775,

 1.3914, 0.8790,

282.2784, 140.8272

0.0000

345.6048,
337.1487, 176.9697

■ 0.2501, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9753, 53.1095,
12.5057

■ 57.9753, 53.1095,
12.5057

■ 55.3630, 48.8518,
8.6556

■ 61.0885, 57.8312,
18.1838

■ 53.1965, 45.0236,
6.3770

■ 64.7418, 63.0315,
25.8946

■ 52.0204, 42.8212,
5.5235

■ 68.9736, 68.7337,
35.8185

■ 73.8173, 74.9562,
48.1151

■ 79.3035, 81.7165,
62.9288

■ 85.4603, 89.0310,
80.3927

■ 92.3140, 96.9149,
100.6303

■ 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.



71.0826, 53.1095, 20.9465



57.9753, 53.1095, 12.5057



44.7940, 53.1095, 12.1659

Triad

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



57.9753, 53.1095, 12.5057



29.6955, 53.1095, 76.4681



69.9480, 53.1095, 127.6767

Complementary

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



57.9753, 53.1095, 12.5057



30.4897, 28.6629, 98.5328

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.



56.6258, 53.1095, 160.4682



57.9753, 53.1095, 12.5057



34.2994, 53.1095, 123.3185

Square

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



57.9753, 53.1095, 12.5057



29.9294, 53.1095, 39.6651



43.6584, 53.1095, 158.5961



78.7729, 53.1095, 80.8276

Rectangle

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



57.9753, 53.1095, 12.5057



37.7728, 53.1095, 16.0706



43.6584, 53.1095, 158.5961



65.7560, 53.1095, 141.4627

Sweetspot

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



57.9765, 53.1122, 12.5067



80.3168, 82.9381, 65.7475



48.3839, 27.3293, 29.6487



16.8520, 17.3427, 13.1315



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.



57.9765, 53.1122, 12.5067



54.3856, 47.1640, 7.5060



72.4822, 90.3337, 18.9266



18.8926, 19.7534, 18.9614



27.3328, 22.6767, 2.9365



2.7691, 2.4237, 0.3219

Inverse Universe

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



30.4897, 28.6629, 98.5328



25.7726, 21.8442, 97.4657



23.5955, 13.0587, 95.8842



17.6221, 18.6157, 22.9144



12.2523, 9.4141, 50.6059



1.2977, 1.1261, 4.9622

Previews

White Background



This preview shows how the XYZ color 57.9753, 53.1095, 12.5057 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 57.9753, 53.1095, 12.5057 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 57.9753, 53.1095, 12.5057

Background



This preview shows how black text looks on a background with the XYZ color 57.9753, 53.1095, 12.5057.



This preview shows how white text looks on a background with the XYZ color 57.9753, 53.1095,

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

57.9753, 53.1095, 12.5057

Protanopia

48.5262, 53.1938, 13.6711

Deuteranopia

54.1632, 52.9494, 12.3666



Tritanopia

63.6662, 52.9312, 50.0412

Trichromacy



Original Color

57.9753, 53.1095, 12.5057

Protanomaly

51.5089, 52.8058, 13.2721

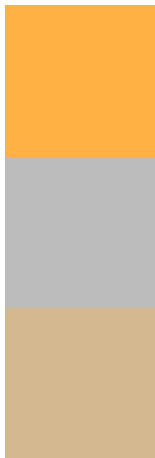
Deuteranomaly

55.5133, 53.0339, 12.4650

Tritanomaly

60.6527, 52.6291, 31.3878

Monochromacy



Original Color

57.9753, 53.1095, 12.5057

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.3259, 50.2916, 33.4931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9753, 53.1095, 12.5057 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, 67)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 67)  
}
```

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, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 67) }
```

Border

The CSS property to change the border of an element to XYZ 57.9753, 53.1095, 12.5057 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, 67) }
```


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

```
.border{ border-color:rgb(255, 177, 67) }
```

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, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 67);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9753, 53.1095, 12.5057 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, 67) }
```

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

```
.background{ background-color: rgb(255,  
177, 67) }
```

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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