

Converting Colors

XYZ(118.2703, 84.5021,
28.7124)

Have a look what the booklet for
XYZ(118.2703, 84.5021, 28.7124)
contains.

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Color

**XYZ(60.9353, 54.9303,
26.1299)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB37B
RGB	255, 179, 123
RGB Percent	100%, 70%, 48%
CMY	0.0000, 0.2980, 0.5176
CMYK	0.00, 0.30, 0.52, 0.00
HSL	25°, 100%, 74%
HSV	25°, 52%, 100%
XYZ	60.9353, 54.9303, 26.1299
YIQ	195.3400, 63.2720, -1.3040

Conversions

Conversions Part 2

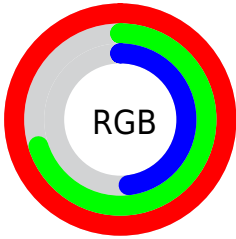
Format	Color
RYB	255, 220, 123
Decimal	16757627
CIELab	79.00, 21.65, 39.51
CIElCh	79, 45.051, 61.281
Yxy	54.9303, 0.4291, 0.3868
Android (android.graphics.Color)	4294947707 (0xFFFFB37B)
YUV	195.3400, -35.6636, 52.3218
Hunter-Lab	74.1150, 17.0566, 30.9773

Details

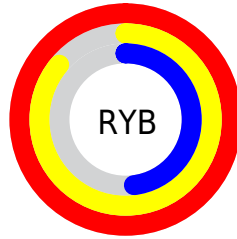
The XYZ color **60.9353, 54.9303, 26.1299** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.6408, 52.2755, 102.2394**, and the grayscale version is **52.2556, 54.9770, 59.8699**.

A 20% lighter version of the original color is **78.7848, 83.8113, 53.0991**, and **31.1691, 27.0049, 9.8730** is the 20% darker color. If you saturate the color by 10%, you get **56.7550, 48.8002, 17.8605**, and if you desaturate by 10%, it is **65.8473, 61.8586, 36.6951**.

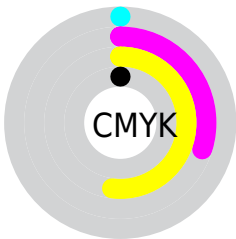
Distribution



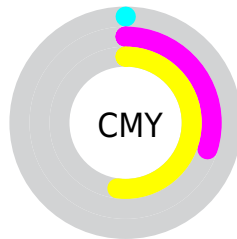
- Red (100%)
- Green (70%)
- Blue (48%)



- Red (100%)
- Yellow (86%)
- Blue (48%)



- Cyan (0%)
- Magenta (30%)
- Yellow (52%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9353, 54.9303, 26.1299 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 60.9353, 54.9303, 26.1299 by changing the saturation by 10% instead.


 60.9353, 54.9303,
26.1299


 60.9353, 54.9303,
26.1299


417.8164,
405.6477, 297.0449


 44.4253, 39.3459,
16.6942


 105.2839, 97.4388,
54.4711

 31.2043, 27.0289,
9.8571


 133.8532,
125.1318, 74.2137

 20.9071, 17.5950,
5.1999


 167.1730,
157.6297, 98.2289

 13.1682, 10.6596,
2.3043

205.6086,
195.3170, 126.9355

 7.6223, 5.8384,
0.7336

249.5254,
238.5780, 160.7518

 3.9040, 2.7471,
0.0000

299.2887,

 1.6479, 1.0012,

287.7972, 200.0965

0.0000

355.2640,
343.3590, 245.3880

■ 0.4234, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9353, 54.9303,
26.1299

■ 60.9353, 54.9303,
26.1299

■ 56.7550, 48.8002,
17.8605

■ 65.8473, 61.8586,
36.6951

■ 53.2595, 43.4276,
11.7065

■ 71.5258, 69.6075,
49.7112

■ 50.4021, 38.7793,
7.4656

■ 78.0078, 78.2083,
65.3231

■ 48.1260, 34.8155,
4.8931

■ 85.3266, 87.6880,
83.6638

46.6228, 32.0258,
3.7243

93.5134, 98.0723,
104.8568

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.



68.3647, 54.9303, 37.6704



60.9353, 54.9303, 26.1299



51.8254, 54.9303, 22.7945

Triad

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



60.9353, 54.9303, 26.1299



36.8074, 54.9303, 60.9196



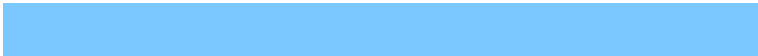
61.6778, 54.9303, 112.6777

Complementary

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



60.9353, 54.9303, 26.1299



46.6408, 52.2755, 102.2394

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.



52.5957, 54.9303, 123.9588



60.9353, 54.9303, 26.1299



38.8239, 54.9303, 89.2681

Square

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



60.9353, 54.9303, 26.1299



38.5086, 54.9303, 39.0918



44.3594, 54.9303, 114.3687



68.8267, 54.9303, 86.7960

Rectangle

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



60.9353, 54.9303, 26.1299



46.2019, 54.9303, 24.6027



44.3594, 54.9303, 114.3687



58.7168, 54.9303, 118.5882

Sweetspot

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



60.9366, 54.9330, 26.1310



82.1223, 83.5635, 75.5534



58.7485, 39.5965, 59.1905



17.2561, 17.4694, 15.3669



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.



60.9366, 54.9330, 26.1310



56.6648, 48.6649, 17.6915



77.1658, 87.3913, 31.5407



18.6429, 19.2539, 18.8781



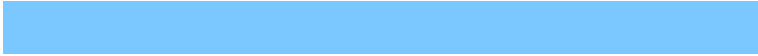
24.5020, 17.0152, 1.9929



2.4912, 1.8677, 0.2292

Inverse Universe

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



46.6408, 52.2755, 102.2394



40.9353, 45.6883, 101.2689



34.7440, 28.4818, 98.2738



17.8715, 19.1146, 22.9975



15.0188, 14.9472, 51.5281



1.5706, 1.6720, 5.0532

Previews

White Background



This preview shows how the XYZ color 60.9353, 54.9303, 26.1299 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 60.9353, 54.9303, 26.1299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

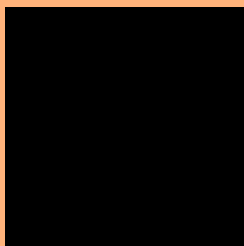
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9353, 54.9303, 26.1299

Background



This preview shows how black text looks on a background with the XYZ color 60.9353, 54.9303, 26.1299.



This preview shows how white text looks on a background with the XYZ color 60.9353, 54.9303,

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

60.9353, 54.9303, 26.1299

Protanopia

51.2098, 55.2377, 29.0820

Deuteranopia

56.1466, 54.9256, 25.7316



Tritanopia

65.1330, 55.0349, 53.0889

Trichromacy



Original Color

60.9353, 54.9303, 26.1299

Protanomaly

54.2391, 54.8532, 27.8077

Deuteranomaly

57.9616, 54.9192, 25.9579

Tritanomaly

63.2869, 54.9193, 41.4473

Monochromacy



Original Color

60.9353, 54.9303, 26.1299

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.9743, 54.0115, 45.1166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9353, 54.9303, 26.1299 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, 179, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 123)  
}
```

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, 179, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 123) }
```

Border

The CSS property to change the border of an element to XYZ 60.9353, 54.9303, 26.1299 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, 179, 123) }
```


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

```
.border{ border-color:rgb(255, 179, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9353, 54.9303, 26.1299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 123) }
```

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

```
.background{ background-color: rgb(255,  
179, 123) }
```

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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