

Converting Colors

XYZ(60.7211, 53.7743, 36.4641)

Have a look what the booklet for
XYZ(60.7211, 53.7743, 36.4641)
contains.

XYZ(60.5356, 53.6090, 36.4352)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.5356, 53.6090,
36.4352)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB097
RGB	250, 176, 151
RGB Percent	98%, 69%, 59%
CMY	0.0196, 0.3098, 0.4078
CMYK	0.00, 0.30, 0.40, 0.02
HSL	15°, 91%, 79%
HSV	15°, 40%, 98%
XYZ	60.5356, 53.6090, 36.4352
YIQ	195.2760, 52.1290, 7.9130

Conversions

Conversions Part 2

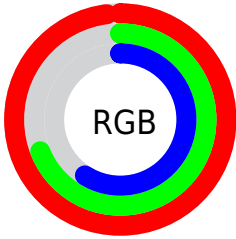
Format	Color
R _Y B	250, 184, 151
Decimal	16429207
CIE Lab	78.23, 24.01, 23.62
CIE LCh	78, 33.682, 44.527
Yxy	53.6090, 0.4020, 0.3560
Android (android.graphics.Color)	4294619287 (0xFFFA097)
YUV	195.2760, -21.8281, 47.9929
Hunter-Lab	73.2182, 19.4491, 21.7485

Details

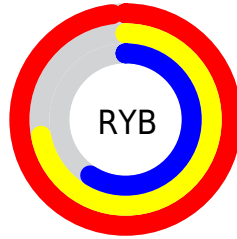
The XYZ color **60.5356, 53.6090, 36.4352** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.9420, 67.3294, 100.4372**, and the grayscale version is **52.1419, 54.8573, 59.7396**.

A 20% lighter version of the original color is **81.1161, 83.3810, 69.5765**, and **30.8691, 26.1624, 15.4795** is the 20% darker color. If you saturate the color by 10%, you get **55.3017, 46.0531, 25.7136**, and if you desaturate by 10%, it is **66.7071, 62.3510, 49.5942**.

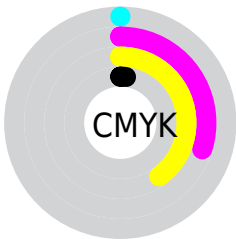
Distribution



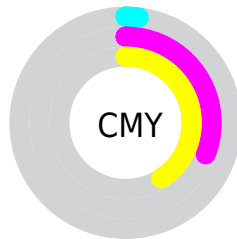
- Red (98%)
- Green (69%)
- Blue (59%)



- Red (98%)
- Yellow (72%)
- Blue (59%)



- Cyan (0%)
- Magenta (30%)
- Yellow (40%)
- Black (2%)





- Cyan (2%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5356, 53.6090, 36.4352 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 60.5356, 53.6090, 36.4352 by changing the saturation by 10% instead.


 60.5356, 53.6090,
36.4352

 60.5356, 53.6090,
36.4352


416.3723,
400.6172, 345.9535

 44.1016, 38.2892,
24.4781


 104.7082, 95.4999,
70.8798

 30.9486, 26.2072,
15.4732


 133.1774,
122.8398, 94.2045

 20.7114, 16.9787,
9.0019


166.3892,
154.9551, 122.1555

 13.0245, 10.2193,
4.6456

204.7087,
192.2302, 155.1513

 7.5225, 5.5446,
1.9858

248.5015,
235.0496, 193.6104

 3.8402, 2.5702,
0.5465

298.1328,

 1.6121, 0.9117,

283.7977, 237.9515

0.0000

353.9679,
338.8587, 288.5930

■ 0.4003, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5356, 53.6090,
36.4352

■ 60.5356, 53.6090,
36.4352

■ 55.3017, 46.0531,
25.7136

■ 66.7071, 62.3510,
49.5942

■ 50.9533, 39.6234,
17.2749

■ 73.8565, 72.3197,
65.3258

■ 47.4393, 34.2667,
10.9516

■ 82.0264, 83.5638,
83.7588

■ 44.7013, 29.9218,
6.5516

■ 91.2559, 96.1265,
105.0127

■ 42.6719, 26.5208,
3.8473

■ 93.2343, 99.0640,
108.8150

■ 41.2572, 23.9809,
2.4830

■ 41.2099, 23.8950,
2.4402

Harmonies

Analogous

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



64.2360, 53.6090, 49.7303



60.5356, 53.6090, 36.4352



54.4109, 53.6090, 29.9085

Triad

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



60.5356, 53.6090, 36.4352



39.6874, 53.6090, 49.2116



54.1999, 53.6090, 101.0383

Complementary

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



60.5356, 53.6090, 36.4352



56.9420, 67.3294, 100.4372

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.



47.6462, 53.6090, 100.8147



60.5356, 53.6090, 36.4352



39.6416, 53.6090, 67.9589

Square

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



60.5356, 53.6090, 36.4352



42.5716, 53.6090, 36.1264



42.4404, 53.6090, 87.7089



60.3697, 53.6090, 88.2662

Rectangle

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



60.5356, 53.6090, 36.4352



49.9598, 53.6090, 29.1450



42.4404, 53.6090, 87.7089



51.9608, 53.6090, 102.5557

Sweetspot

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



60.5370, 53.6116, 36.4363



83.6418, 84.4494, 82.6977



64.1160, 47.9076, 77.2812



17.6577, 17.7391, 17.1455



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.



60.5370, 53.6116, 36.4363



58.6350, 49.3203, 28.4750



72.0033, 76.5443, 40.2584



17.6008, 17.9375, 17.9970



21.9551, 12.8668, 1.3264



2.1142, 1.3532, 0.1498

Inverse Universe

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



56.9420, 67.3294, 100.4372



54.3382, 65.5308, 104.3925



45.4947, 44.4348, 96.6214



17.3729, 18.8226, 22.1028



18.6833, 22.7222, 51.3747



1.8147, 2.2730, 4.7863

Previews

White Background



This preview shows how the XYZ color 60.5356, 53.6090, 36.4352 looks on a white background.

Color Contrast Check

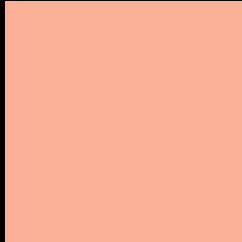
Large Text (above 18pt) WCAG AA × Fail

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 60.5356, 53.6090, 36.4352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

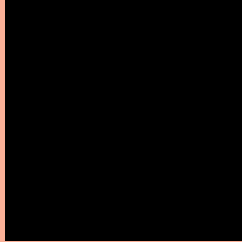
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5356, 53.6090, 36.4352

Background



This preview shows how black text looks on a background with the XYZ color 60.5356, 53.6090, 36.4352.



This preview shows how white text looks on a background with the XYZ color 60.5356, 53.6090,

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

60.5356, 53.6090, 36.4352

Protanopia

50.5048, 53.6223, 40.4891

Deuteranopia

54.9786, 53.7817, 35.9170



Tritanopia

63.7227, 53.4692, 52.3094

Trichromacy



Original Color

60.5356, 53.6090, 36.4352

Protanomaly

53.5899, 53.3131, 38.9185

Deuteranomaly

56.8250, 53.4908, 36.1839

Tritanomaly

62.5348, 53.5611, 46.0721

Monochromacy



Original Color

60.5356, 53.6090, 36.4352

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.1442, 53.6682, 50.1531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5356, 53.6090, 36.4352 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(250, 176, 151)` looks like.

```
.text, #text, p{  
    color:rgb(250, 176, 151)  
}
```

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(250, 176, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 176, 151) }
```

Border

The CSS property to change the border of an element to XYZ 60.5356, 53.6090, 36.4352 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(250, 176, 151) }
```


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

```
.border{ border-color:rgb(250, 176, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 176, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(250, 176,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5356, 53.6090, 36.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 176, 151) }
```

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

```
.background{ background-color: rgb(250,  
176, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor