

Converting Colors

XYZ(60.5301, 50.2022, 38.0761)

Have a look what the booklet for
XYZ(60.5301, 50.2022, 38.0761)
contains.

XYZ(60.5162, 50.2112, 37.9547)	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(60.5162, 50.2112,
37.9547)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA49C
RGB	255, 164, 156
RGB Percent	100%, 64%, 61%
CMY	0.0000, 0.3568, 0.3882
CMYK	0.00, 0.36, 0.39, 0.00
HSL	5°, 100%, 81%
HSV	5°, 39%, 100%
XYZ	60.5162, 50.2112, 37.9547
YIQ	190.2970, 56.8040, 16.8040

Conversions

Conversions Part 2

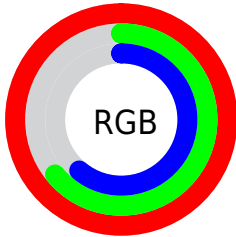
Format	Color
R _Y B	255, 165, 156
Decimal	16753820
CIE Lab	76.20, 32.74, 18.21
CIE LCh	76, 37.459, 29.083
Yxy	50.2112, 0.4070, 0.3377
Android (android.graphics.Color)	4294943900 (0xFFFFA49C)
YUV	190.2970, -16.9084, 56.7445
Hunter-Lab	70.8599, 28.4390, 17.8444

Details

The XYZ color **60.5162, 50.2112, 37.9547** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.0196, 80.8062, 106.7779**, and the grayscale version is **49.1874, 51.7490, 56.3547**.

A 20% lighter version of the original color is **78.4661, 77.0995, 71.7189**, and **30.9992, 24.1246, 16.3873** is the 20% darker color. If you saturate the color by 10%, you get **54.7644, 41.8080, 26.4793**, and if you desaturate by 10%, it is **67.4968, 60.3464, 52.0768**.

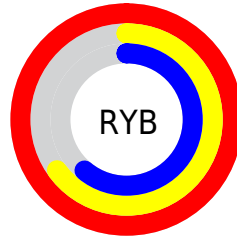
Distribution



Red (100%)

Green (64%)

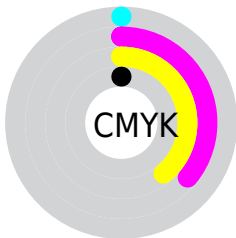
Blue (61%)



Red (100%)

Yellow (65%)

Blue (61%)

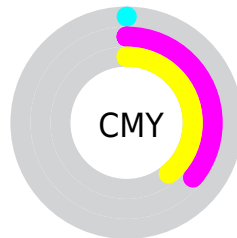


Cyan (0%)

Magenta (36%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5162, 50.2112, 37.9547 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 60.5162, 50.2112, 37.9547 by changing the saturation by 10% instead.


 60.5162, 50.2112,
37.9547


 60.5162, 50.2112,
37.9547


416.3022,
387.4913, 352.7180

 44.0859, 35.5812,
25.6460


 104.6802, 90.4877,
73.2414

 30.9362, 24.1110,
16.3356


 133.1446,
116.9031, 97.0564

 20.7019, 15.4159,
9.6050

166.3511,
148.0157, 125.5439

 13.0175, 9.1118,
5.0357

204.6650,
184.2099, 159.1224

 7.5177, 4.8142,
2.2091

248.4517,
225.8702, 198.2106

 3.8371, 2.1387,
0.6796

298.0766,

 1.6104, 0.6862,

273.3809, 243.2269

0.0000

353.9050,
327.1265, 294.5898

■ 0.3992, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5162, 50.2112,
37.9547

■ 60.5162, 50.2112,
37.9547

■ 54.7644, 41.8080,
26.4793

■ 67.4968, 60.3464,
52.0768

■ 50.1664, 35.0330,
17.4830

■ 75.7677, 72.2953,
68.9933

■ 46.6450, 29.7827,
10.7834

■ 85.3910, 86.1431,
88.8445

■ 44.1120, 25.9386,
6.1719

95.0500, 100.0000,
108.9000

■ 42.4648, 23.3647,
3.4020

■ 41.5704, 21.8945,
2.1212

■ 41.5012, 21.7825,
2.0171

Harmonies

Analogous

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



62.5295, 50.2112, 55.2925



60.5162, 50.2112, 37.9547



54.9993, 50.2112, 27.7653

Triad

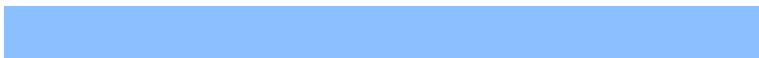
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.5162, 50.2112, 37.9547



37.0575, 50.2112, 37.1207



47.5085, 50.2112, 103.1364

Complementary

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



60.5162, 50.2112, 37.9547



65.0196, 80.8062, 106.7779

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.



41.1208, 50.2112, 94.9843



60.5162, 50.2112, 37.9547



35.4625, 50.2112, 54.0551

Square

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



60.5162, 50.2112, 37.9547



41.4605, 50.2112, 27.3733



36.8753, 50.2112, 75.6919



54.5890, 50.2112, 95.8812

Rectangle

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



60.5162, 50.2112, 37.9547



50.3260, 50.2112, 24.8252



36.8753, 50.2112, 75.6919



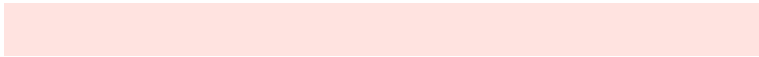
45.2137, 50.2112, 102.0796

Sweetspot

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



60.5175, 50.2137, 37.9557



82.1836, 81.5331, 82.2117



70.1341, 51.8395, 95.4422



17.3171, 17.0580, 17.0319



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.



60.5175, 50.2137, 37.9557



55.7249, 43.2159, 28.3816



70.8095, 70.7976, 41.3863



18.1274, 18.2229, 18.7063



21.7263, 11.4637, 1.0676



2.1541, 1.1935, 0.1168

Inverse Universe

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



65.0196, 80.8062, 106.7779



60.8116, 77.8750, 106.4340



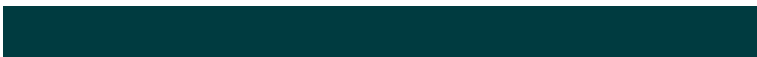
52.1611, 55.0892, 102.4918



18.4218, 20.2152, 23.1809



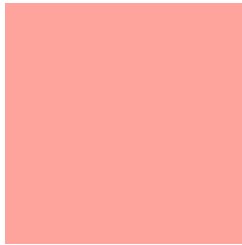
24.9147, 34.7389, 54.8267



2.4615, 3.4538, 5.3502

Previews

White Background



This preview shows how the XYZ color 60.5162, 50.2112, 37.9547 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 60.5162, 50.2112, 37.9547 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 60.5162, 50.2112, 37.9547

Background



This preview shows how black text looks on a background with the XYZ color 60.5162, 50.2112, 37.9547.



This preview shows how white text looks on a background with the XYZ color 60.5162, 50.2112,

37.9547.

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

60.5162, 50.2112, 37.9547

Protanopia

47.8161, 50.5294, 44.2788

Deuteranopia

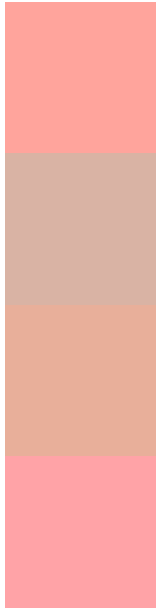
51.4871, 50.4077, 37.1530



Tritanopia

61.8003, 50.1567, 46.4684

Trichromacy



Original Color

60.5162, 50.2112, 37.9547

Protanomaly

51.4362, 49.6722, 41.9987

Deuteranomaly

54.4414, 50.1488, 37.3822

Tritanomaly

61.3122, 50.2444, 43.0258

Monochromacy



Original Color

60.5162, 50.2112, 37.9547

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

52.2913, 50.5582, 49.1221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5162, 50.2112, 37.9547 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, 164, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 156)  
}
```

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, 164, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 156) }
```

Border

The CSS property to change the border of an element to XYZ 60.5162, 50.2112, 37.9547 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, 164, 156) }
```


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

```
.border{ border-color:rgb(255, 164, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5162, 50.2112, 37.9547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 156) }
```

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

```
.background{ background-color: rgb(255,  
164, 156) }
```

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