

Converting Colors

XYZ(61.3060, 50.7627, 41.3872)

Have a look what the booklet for
XYZ(61.3060, 50.7627, 41.3872)
contains.

XYZ(61.3060, 50.8146, 41.2274)	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(61.3060, 50.8146,
41.2274)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5A3
RGB	255, 165, 163
RGB Percent	100%, 65%, 64%
CMY	0.0000, 0.3529, 0.3608
CMYK	0.00, 0.35, 0.36, 0.00
HSL	1°, 100%, 82%
HSV	1°, 36%, 100%
XYZ	61.3060, 50.8146, 41.2274
YIQ	191.6820, 54.2820, 18.4580

Conversions

Conversions Part 2

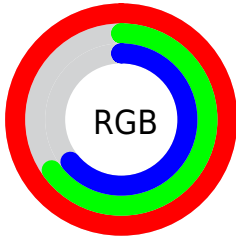
Format	Color
R _Y B	255, 165, 163
Decimal	16754083
CIE Lab	76.57, 33.01, 14.91
CIE LCh	77, 36.224, 24.302
Yxy	50.8146, 0.3998, 0.3314
Android (android.graphics.Color)	4294944163 (0xFFFFA5A3)
YUV	191.6820, -14.1402, 55.5299
Hunter-Lab	71.2844, 28.7660, 15.6086

Details

The XYZ color **61.3060, 50.8146, 41.2274** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.2781, 85.2539, 107.4647**, and the grayscale version is **49.9764, 52.5790, 57.2586**.

A 20% lighter version of the original color is **79.7513, 78.0349, 77.1886**, and **31.4284, 24.4718, 18.1060** is the 20% darker color. If you saturate the color by 10%, you get **55.1786, 41.8550, 29.0265**, and if you desaturate by 10%, it is **68.7741, 61.7181, 56.1488**.

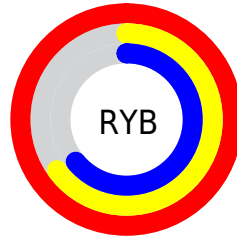
Distribution



Red (100%)

Green (65%)

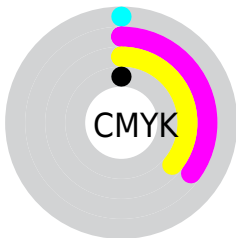
Blue (64%)



Red (100%)

Yellow (65%)

Blue (64%)

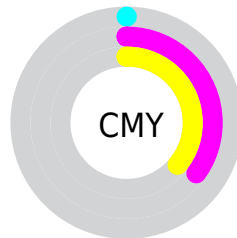


Cyan (0%)

Magenta (35%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3060, 50.8146, 41.2274 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 61.3060, 50.8146, 41.2274 by changing the saturation by 10% instead.

 61.3060, 50.8146,
41.2274


 61.3060, 50.8146,
41.2274


419.1531,
389.8430, 366.9749

 44.7256, 36.0611,
28.1758


 105.8175, 91.3807,
78.2864

 31.4417, 24.4814,
18.2180


 134.4793,
117.9620, 103.1308

 21.0889, 15.6911,
10.9356


167.8990,
149.2547, 132.7433

 13.3019, 9.3058,
5.9099

206.4420,
185.6432, 167.5423

 7.7152, 4.9412,
2.7225

250.4735,
227.5119, 207.9465

 3.9635, 2.2128,
0.9547

300.3589,

 1.6815, 0.7270,

275.2452, 254.3742

0.0000

356.4637,
329.2274, 307.2442

■ 0.4447, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3060, 50.8146,
41.2274

■ 61.3060, 50.8146,
41.2274

■ 55.1786, 41.8550,
29.0265

■ 68.7741, 61.7181,
56.1488

■ 50.3089, 34.7184,
19.3794

■ 77.6515, 74.6625,
73.9379

■ 46.6109, 29.2817,
12.1057

■ 88.0069, 89.7472,
94.7347

■ 43.9859, 25.4040,
7.0002

95.0500, 100.0000,
108.9000

■ 42.3193, 22.9213,
3.8232

■ 41.4705, 21.6333,
2.2771

■ 41.3003, 21.3807,
1.9501

Harmonies

Analogous

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



62.6053, 50.8146, 59.1540



61.3060, 50.8146, 41.2274



56.3875, 50.8146, 30.0266

Triad

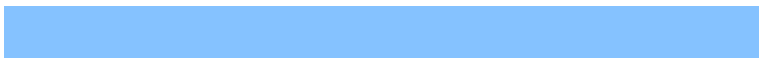
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.3060, 50.8146, 41.2274



38.3833, 50.8146, 36.1282



47.0034, 50.8146, 101.9195

Complementary

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



61.3060, 50.8146, 41.2274



68.2781, 85.2539, 107.4647

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.



41.0213, 50.8146, 91.9088



61.3060, 50.8146, 41.2274



36.3551, 50.8146, 51.6715

Square

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



61.3060, 50.8146, 41.2274



43.0839, 50.8146, 27.6059



37.2735, 50.8146, 72.3259



53.9161, 50.8146, 97.2560

Rectangle

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



61.3060, 50.8146, 41.2274



51.9451, 50.8146, 26.4077



37.2735, 50.8146, 72.3259



44.8252, 50.8146, 100.0986

Sweetspot

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



61.3073, 50.8171, 41.2284



82.7211, 82.0491, 84.1141



72.1415, 54.5765, 100.0508



17.4079, 17.1280, 17.4058



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.



61.3073, 50.8171, 41.2284



56.9271, 44.4135, 32.5021



71.0296, 70.2617, 44.4692



18.0411, 18.0504, 18.6775



21.5940, 11.1993, 1.0235



2.1132, 1.1118, 0.1032

Inverse Universe

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



68.2781, 85.2539, 107.4647



64.7911, 83.2761, 107.2668



55.5808, 59.8591, 103.2323



18.5189, 20.4095, 23.2133



27.2191, 39.3477, 55.5949



2.6606, 3.8519, 5.4165

Previews

White Background



This preview shows how the XYZ color 61.3060, 50.8146, 41.2274 looks on a white background.

Color Contrast Check

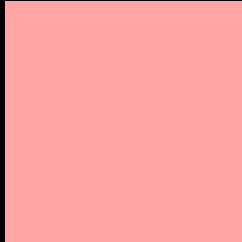
Large Text (above 18pt) WCAG AA × Fail

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 61.3060, 50.8146, 41.2274 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 61.3060, 50.8146, 41.2274

Background



This preview shows how black text looks on a background with the XYZ color 61.3060, 50.8146, 41.2274.



This preview shows how white text looks on a background with the XYZ color 61.3060, 50.8146,

41.2274.

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

61.3060, 50.8146, 41.2274

Protanopia

48.7004, 51.2261, 47.8783

Deuteranopia

51.9866, 50.8994, 40.3423



Tritanopia

62.3519, 50.9455, 47.6215

Trichromacy



Original Color

61.3060, 50.8146, 41.2274

Protanomaly

52.2872, 50.3345, 45.4878

Deuteranomaly

54.9134, 50.6128, 40.5932

Tritanomaly

61.8661, 50.7512, 45.0633

Monochromacy



Original Color

61.3060, 50.8146, 41.2274

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

53.0928, 51.2392, 50.8079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3060, 50.8146, 41.2274 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, 165, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 163)  
}
```

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, 165, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 163) }
```

Border

The CSS property to change the border of an element to XYZ 61.3060, 50.8146, 41.2274 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, 165, 163) }
```


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

```
.border{ border-color:rgb(255, 165, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 165, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3060, 50.8146, 41.2274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 163) }
```

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

```
.background{ background-color: rgb(255,  
165, 163) }
```

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