

Converting Colors

XYZ(61.0057, 50.1853, 41.2157)

Have a look what the booklet for
XYZ(61.0057, 50.1853, 41.2157)
contains.

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Color

**XYZ(60.9481, 50.0987,
41.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3A3
RGB	255, 163, 163
RGB Percent	100%, 64%, 64%
CMY	0.0000, 0.3608, 0.3608
CMYK	0.00, 0.36, 0.36, 0.00
HSL	0°, 100%, 82%
HSV	0°, 36%, 100%
XYZ	60.9481, 50.0987, 41.1080
YIQ	190.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

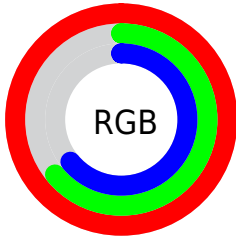
Format	Color
R_{YB}	255, 163, 163
Decimal	16753571
CIE _{Lab}	76.13, 34.05, 14.29
CIE _{LCh}	76, 36.933, 22.770
Yxy	50.0987, 0.4006, 0.3293
Android (android.graphics.Color)	4294943651 (0xFFFFA3A3)
YUV	190.5080, -13.5614, 56.5595
Hunter-Lab	70.7804, 29.8382, 15.1117

Details

The XYZ color **60.9481, 50.0987, 41.1080** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.9128, 86.5232, 107.6763**, and the grayscale version is **49.2914, 51.8584, 56.4738**.

A 20% lighter version of the original color is **79.2264, 76.9850, 77.0136**, and **31.2101, 24.0353, 18.0333** is the 20% darker color. If you saturate the color by 10%, you get **54.8095, 41.1167, 28.9034**, and if you desaturate by 10%, it is **68.4625, 61.0951, 56.0449**.

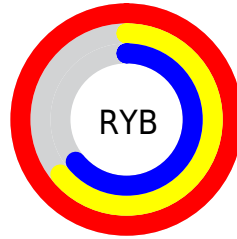
Distribution



Red (100%)

Green (64%)

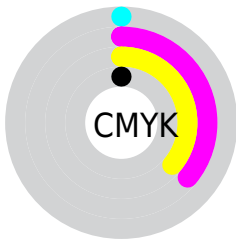
Blue (64%)



Red (100%)

Yellow (64%)

Blue (64%)

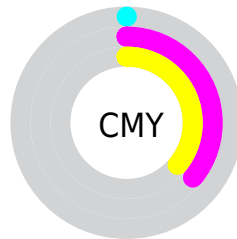


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9481, 50.0987, 41.1080 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 60.9481, 50.0987, 41.1080 by changing the saturation by 10% instead.


 60.9481, 50.0987,
41.1080


 60.9481, 50.0987,
41.1080


417.8626,
387.0518, 366.4618

 44.4357, 35.4918,
28.0831

 105.3023, 90.3211,
78.1033

 31.2125, 24.0420,
18.1488


 133.8748,
116.7054, 102.9108

 20.9134, 15.3648,
10.8863

167.1981,
147.7843, 132.4829

 13.1728, 9.0758,
5.8772

205.6374,
183.9422, 167.2382

 7.6255, 4.7906,
2.7030

249.5581,
225.5636, 207.5952

 3.9060, 2.1250,
0.9449

299.3257,

 1.6491, 0.6786,

273.0327, 253.9724

0.0000

355.3054,
326.7339, 306.7884

■ 0.4241, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9481, 50.0987,
41.1080

■ 60.9481, 50.0987,
41.1080

■ 54.8095, 41.1167,
28.9034

■ 68.4625, 61.0951,
56.0449

■ 49.9599, 34.0203,
19.2630

■ 77.4252, 74.2100,
73.8623

■ 46.3087, 28.6775,
12.0049

■ 87.9078, 89.5491,
94.7015

■ 43.7517, 24.9358,
6.9222

95.0500, 100.0000,
108.9000

■ 42.1671, 22.6169,
3.7724

■ 41.4035, 21.4993,
2.2548

■ 41.2402, 21.2603,
1.9301

Harmonies

Analogous

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



62.0508, 50.0987, 59.4789



60.9481, 50.0987, 41.1080



56.1161, 50.0987, 29.5160

Triad

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



60.9481, 50.0987, 41.1080



37.8030, 50.0987, 34.6152



45.9648, 50.0987, 101.6717

Complementary

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



60.9481, 50.0987, 41.1080



68.9128, 86.5232, 107.6763

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.



40.0231, 50.0987, 90.7989



60.9481, 50.0987, 41.1080



35.6159, 50.0987, 49.8993

Square

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



60.9481, 50.0987, 41.1080



42.6581, 50.0987, 26.4492



36.3876, 50.0987, 70.6404



52.9467, 50.0987, 97.6918

Rectangle

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



60.9481, 50.0987, 41.1080



51.6620, 50.0987, 25.6804



36.3876, 50.0987, 70.6404



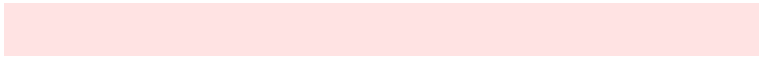
43.7895, 50.0987, 99.5586

Sweetspot

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



60.9493, 50.1011, 41.1090



82.5541, 81.7150, 84.0584



72.3874, 54.6748, 101.3458



17.3685, 17.0493, 17.3927



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.



60.9493, 50.1011, 41.1090



56.5578, 43.6751, 32.3790



70.6516, 69.5056, 44.3431



18.0095, 17.9873, 18.6670



21.5489, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

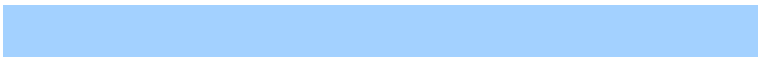
The Inverse Universe completely reimagines the original color for something new.



68.9128, 86.5232, 107.6763



65.5468, 84.7875, 107.5187



55.9551, 60.6079, 103.3571



18.5549, 20.4813, 23.2253



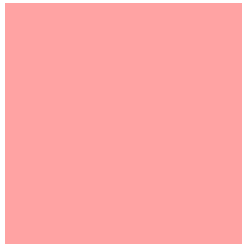
28.1144, 41.1384, 55.8933



2.7374, 4.0056, 5.4421

Previews

White Background



This preview shows how the XYZ color 60.9481, 50.0987, 41.1080 looks on a white background.

Color Contrast Check

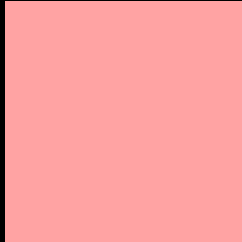
Large Text (above 18pt) WCAG AA × Fail

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 60.9481, 50.0987, 41.1080 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 60.9481, 50.0987, 41.1080

Background



This preview shows how black text looks on a background with the XYZ color 60.9481, 50.0987, 41.1080.

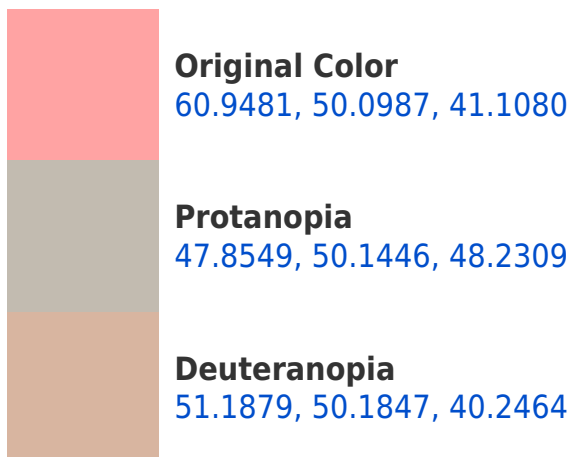


This preview shows how white text looks on a background with the XYZ color 60.9481, 50.0987,

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

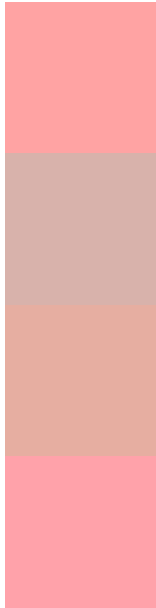




Tritanopia

61.8003, 50.1567, 46.4684

Trichromacy



Original Color

60.9481, 50.0987, 41.1080

Protanomaly

51.5900, 49.3800, 45.3403

Deuteranomaly

54.2022, 49.6683, 40.4484

Tritanomaly

61.4160, 50.0029, 44.4448

Monochromacy



Original Color

60.9481, 50.0987, 41.1080

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.5959, 50.6801, 50.7262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9481, 50.0987, 41.1080 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, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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, 163, 163) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 60.9481, 50.0987, 41.1080 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, 163, 163) }
```


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

```
.border{ border-color:rgb(255, 163, 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, 163, 163) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 60.9481, 50.0987, 41.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(255,  
163, 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](#).

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