

Converting Colors

XYZ(121.1082, 80.4250,
44.3692)

Have a look what the booklet for
XYZ(121.1082, 80.4250, 44.3692)
contains.

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Color

**XYZ(60.5116, 49.0819,
41.4064)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA0A4
RGB	255, 160, 164
RGB Percent	100%, 63%, 64%
CMY	0.0000, 0.3725, 0.3569
CMYK	0.00, 0.37, 0.36, 0.00
HSL	357°, 100%, 81%
HSV	357°, 37%, 100%
XYZ	60.5116, 49.0819, 41.4064
YIQ	188.8610, 55.3360, 21.3840

Conversions

Conversions Part 2

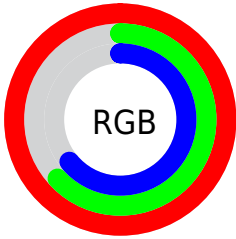
Format	Color
R_{YB}	255, 160, 164
Decimal	16752804
CIE _{Lab}	75.50, 35.73, 12.86
CIE _{LCh}	76, 37.973, 19.801
Yxy	49.0819, 0.4007, 0.3250
Android (android.graphics.Color)	4294942884 (0xFFFFA0A4)
YUV	188.8610, -12.2565, 58.0039
Hunter-Lab	70.0585, 31.5735, 13.9990

Details

The XYZ color **60.5116, 49.0819, 41.4064** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.6720, 85.9596, 104.2965**, and the grayscale version is **48.3372, 50.8545, 55.3805**.

A 20% lighter version of the original color is **78.5820, 75.4862, 77.4464**, and **30.9473, 23.4210, 18.2188** is the 20% darker color. If you saturate the color by 10%, you get **54.5375, 40.3315, 29.5567**, and if you desaturate by 10%, it is **67.8186, 59.8197, 55.7916**.

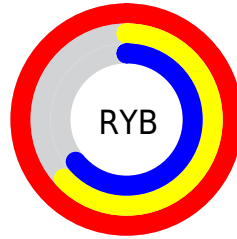
Distribution



Red (100%)

Green (63%)

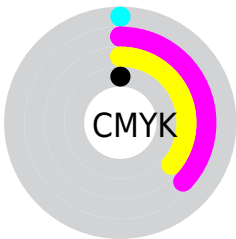
Blue (64%)



Red (100%)

Yellow (63%)

Blue (64%)

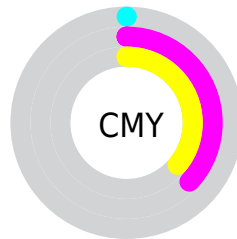


Cyan (0%)

Magenta (37%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5116, 49.0819, 41.4064 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 60.5116, 49.0819, 41.4064 by changing the saturation by 10% instead.


 60.5116, 49.0819,
41.4064


 60.5116, 49.0819,
41.4064


416.2855,
383.0647, 367.7431

 44.0822, 34.6845,
28.3147


 104.6736, 88.8131,
78.5608

 30.9333, 23.4199,
18.3219


 133.1368,
114.9156, 103.4606

 20.6996, 14.9039,
11.0095


166.3421,
145.6886, 133.1334

 13.0158, 8.7519,
5.9590

204.6547,
181.5165, 167.9979

 7.5165, 4.5797,
2.7518

248.4399,
222.7836, 208.4726

 3.8364, 2.0029,
0.9693

298.0633,

 1.6100, 0.6091,

269.8745, 254.9760

0.0000

353.8900,
323.1733, 307.9267

■ 0.3989, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5116, 49.0819,
41.4064

■ 60.5116, 49.0819,
41.4064

■ 54.5375, 40.3315,
29.5567

■ 67.8186, 59.8197,
55.7916

■ 49.8122, 33.4399,
20.0928

■ 76.5280, 72.6487,
72.8445

■ 46.2483, 28.2748,
12.8539

■ 86.7092, 87.6741,
92.6915

■ 43.7453, 24.6836,
7.6580

95.0500, 100.0000,
108.9000

■ 42.1857, 22.4867,
4.2945

■ 41.4207, 21.4539,
2.5062

■ 41.2988, 21.2835,
2.2397

Harmonies

Analogous

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



61.2086, 49.0819, 60.5701



60.5116, 49.0819, 41.4064



55.8994, 49.0819, 29.0537

Triad

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



60.5116, 49.0819, 41.4064



37.0974, 49.0819, 32.2036



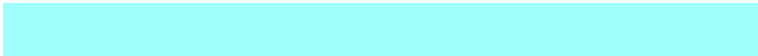
44.3055, 49.0819, 101.1290

Complementary

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



60.5116, 49.0819, 41.4064



67.6720, 85.9596, 104.2965

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.



38.4832, 49.0819, 88.6676



60.5116, 49.0819, 41.4064



34.6064, 49.0819, 46.8960

Square

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



60.5116, 49.0819, 41.4064



42.2336, 49.0819, 24.7357



35.0870, 49.0819, 67.6090



51.3658, 49.0819, 98.5927

Rectangle

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



60.5116, 49.0819, 41.4064



51.4597, 49.0819, 24.7906



35.0870, 49.0819, 67.6090



42.1514, 49.0819, 98.4549

Sweetspot

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



60.5129, 49.0843, 41.4074



82.7170, 81.7795, 84.9184



70.1361, 52.7342, 101.0898



17.4069, 17.0645, 17.5954



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.



60.5129, 49.0843, 41.4074



55.7713, 42.1360, 32.0121



68.8835, 66.3939, 42.4455



18.0403, 17.9994, 18.8295



21.5928, 11.1264, 1.2405



2.1128, 1.0875, 0.1755

Inverse Universe

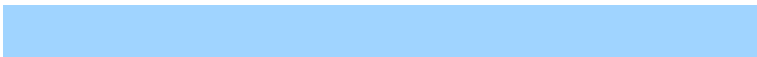
The Inverse Universe completely reimagines the original color for something new.



60.5129, 49.0843, 41.4074



55.7713, 42.1360, 32.0121



56.1553, 61.9078, 103.5974



18.0403, 17.9994, 18.8295



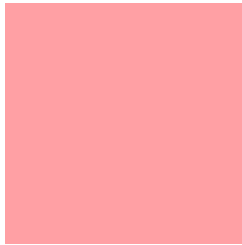
21.5928, 11.1264, 1.2405



2.1128, 1.0875, 0.1755

Previews

White Background



This preview shows how the XYZ color 60.5116, 49.0819, 41.4064 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 60.5116, 49.0819, 41.4064 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 60.5116, 49.0819, 41.4064

Background



This preview shows how black text looks on a background with the XYZ color 60.5116, 49.0819, 41.4064.



This preview shows how white text looks on a background with the XYZ color 60.5116, 49.0819,

41.4064.

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

60.5116, 49.0819, 41.4064

Protanopia

47.3330, 49.5386, 49.1867

Deuteranopia

50.2847, 49.1095, 40.5470



Tritanopia

60.9888, 48.9965, 44.7709

Trichromacy



Original Color

60.5116, 49.0819, 41.4064



Protanomaly

51.2893, 48.9085, 46.2722



Deuteranomaly

53.5872, 48.7717, 40.7719



Tritanomaly

60.7060, 48.8834, 43.2817

Monochromacy



Original Color

60.5116, 49.0819, 41.4064



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.5992, 49.2822, 49.9729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5116, 49.0819, 41.4064 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, 160, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 164)  
}
```

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, 160, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 164) }
```

Border

The CSS property to change the border of an element to XYZ 60.5116, 49.0819, 41.4064 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, 160, 164) }
```


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

```
.border{ border-color:rgb(255, 160, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5116, 49.0819, 41.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 164) }
```

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

```
.background{ background-color: rgb(255,  
160, 164) }
```

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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