

Converting Colors

XYZ(60.4435, 49.0644, 41.0176)

Have a look what the booklet for
XYZ(60.4435, 49.0644, 41.0176)
contains.

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Color

**XYZ(60.4217, 49.0460,
40.9326)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFA0A3
RGB	255, 160, 163
RGB Percent	100%, 63%, 64%
CMY	0.0000, 0.3725, 0.3608
CMYK	0.00, 0.37, 0.36, 0.00
HSL	358°, 100%, 81%
HSV	358°, 37%, 100%
XYZ	60.4217, 49.0460, 40.9326
YIQ	188.7470, 55.6570, 21.0730

Conversions

Conversions Part 2

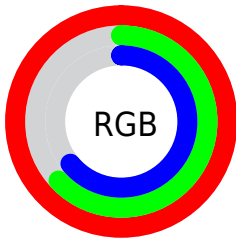
Format	Color
RYB	255, 160, 163
Decimal	16752803
CIELab	75.48, 35.61, 13.38
CIELCh	75, 38.041, 20.592
Yxy	49.0460, 0.4017, 0.3261
Android (android.graphics.Color)	4294942883 (0xFFFFA0A3)
YUV	188.7470, -12.6933, 58.1039
Hunter-Lab	70.0328, 31.4456, 14.3693

Details

The XYZ color **60.4217, 49.0460, 40.9326** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.8302, 86.0229, 105.1292**, and the grayscale version is **48.2744, 50.7885, 55.3086**.

A 20% lighter version of the original color is **78.4508, 75.4337, 76.7550**, and **30.8919, 23.3988, 17.9272** is the 20% darker color. If you saturate the color by 10%, you get **54.4449, 40.2945, 29.0688**, and if you desaturate by 10%, it is **67.7397, 59.7882, 55.3761**.

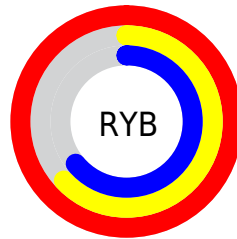
Distribution



Red (100%)

Green (63%)

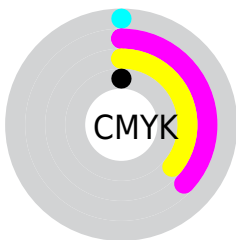
Blue (64%)



Red (100%)

Yellow (63%)

Blue (64%)

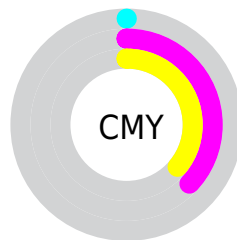


Cyan (0%)

Magenta (37%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (37%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4217, 49.0460, 40.9326 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 60.4217, 49.0460, 40.9326 by changing the saturation by 10% instead.


 60.4217, 49.0460,
40.9326


 60.4217, 49.0460,
40.9326

415.9603,
382.9234, 365.7071

 44.0094, 34.6560,
27.9471


 104.5440, 88.7598,
77.8341

 30.8758, 23.3980,
18.0471


 132.9847,
114.8523, 102.5873

 20.6557, 14.8877,
10.8140


166.1656,
145.6145, 132.1000

 12.9836, 8.7406,
5.8293

204.4521,
181.4306, 166.7909

 7.4942, 4.5724,
2.6745

248.2094,
222.6852, 207.0786

 3.8221, 1.9986,
0.9305


297.8030,

 1.6020, 0.6067,

269.7626, 253.3815

0.0000


353.5981,
323.0472, 306.1181


 0.3937, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 60.4217, 49.0460,
40.9326


 60.4217, 49.0460,
40.9326


 54.4449, 40.2945,
29.0688


 67.7397, 59.7882,
55.3761

 49.7244, 33.4048,
19.6301

 76.4694, 72.6253,
72.5357

 46.1717, 28.2442,
12.4501

 86.6808, 87.6629,
92.5417

 43.6850, 24.6594,
7.3401

95.0500, 100.0000,
108.9000

■ 42.1452, 22.4705,
4.0809

■ 41.4010, 21.4461,
2.4028

■ 41.2840, 21.2776,
2.1619

Harmonies

Analogous

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



61.2344, 49.0460, 59.9710



60.4217, 49.0460, 40.9326



55.7172, 49.0460, 28.7655

Triad

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



60.4217, 49.0460, 40.9326



36.9499, 49.0460, 32.4369



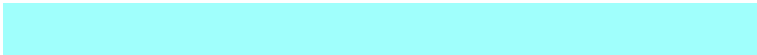
44.4460, 49.0460, 101.3132

Complementary

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



60.4217, 49.0460, 40.9326



67.8302, 86.0229, 105.1292

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.



38.5654, 49.0460, 89.1673



60.4217, 49.0460, 40.9326



34.5328, 49.0460, 47.3325

Square

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



60.4217, 49.0460, 40.9326



42.0306, 49.0460, 24.7835



35.0931, 49.0460, 68.1787



51.5250, 49.0460, 98.3554

Rectangle

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



60.4217, 49.0460, 40.9326



51.2452, 49.0460, 24.6200



35.0931, 49.0460, 68.1787



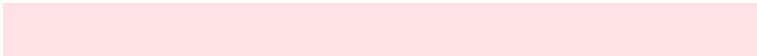
42.2757, 49.0460, 98.7665

Sweetspot

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



60.4230, 49.0484, 40.9335



82.6760, 81.7631, 84.7025



70.7066, 53.0284, 101.1166



17.3973, 17.0606, 17.5445



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.



60.4230, 49.0484, 40.9335



55.6785, 42.0989, 31.5236



69.2588, 67.1444, 42.5707



18.0326, 17.9963, 18.7887



21.5818, 11.1220, 1.1824



2.1091, 1.0860, 0.1562

Inverse Universe

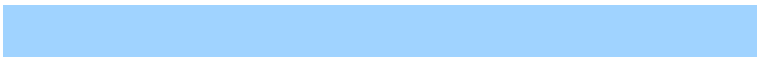
The Inverse Universe completely reimagines the original color for something new.



60.4230, 49.0484, 40.9335



55.6785, 42.0989, 31.5236



55.7609, 61.1190, 103.4660



18.0326, 17.9963, 18.7887



21.5818, 11.1220, 1.1824



2.1091, 1.0860, 0.1562

Previews

White Background



This preview shows how the XYZ color 60.4217, 49.0460, 40.9326 looks on a white background.

Color Contrast Check

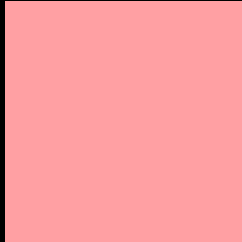
Large Text (above 18pt) WCAG AA × Fail

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 60.4217, 49.0460, 40.9326 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 60.4217, 49.0460, 40.9326

Background



This preview shows how black text looks on a background with the XYZ color 60.4217, 49.0460, 40.9326.



This preview shows how white text looks on a background with the XYZ color 60.4217, 49.0460,

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

60.4217, 49.0460, 40.9326

Protanopia

47.1336, 49.4589, 48.1366

Deuteranopia

50.1968, 49.0744, 40.0844






Tritanopia

60.9888, 48.9965, 44.7709

Trichromacy

	Original Color 60.4217, 49.0460, 40.9326
	Protanomaly 51.0972, 48.8316, 45.2604
	Deuteranomaly 53.4986, 48.7363, 40.3056
	Tritanomaly 60.7060, 48.8834, 43.2817

Monochromacy

	Original Color 60.4217, 49.0460, 40.9326
	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 60.4217, 49.0460, 40.9326 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, 163) looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 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, 160, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 163) }
```

Border

The CSS property to change the border of an element to XYZ 60.4217, 49.0460, 40.9326 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, 163) }
```


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

```
.border{ border-color:rgb(255, 160, 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, 160, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4217, 49.0460, 40.9326 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, 163) }
```

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

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