

Converting Colors

XYZ(60.4023, 49.1477, 40.4929)

Have a look what the booklet for
XYZ(60.4023, 49.1477, 40.4929)
contains.

XYZ(60.3324, 49.0102, 40.4625)	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(60.3324, 49.0102,
40.4625)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA0A2
RGB	255, 160, 162
RGB Percent	100%, 63%, 64%
CMY	0.0000, 0.3725, 0.3647
CMYK	0.00, 0.37, 0.36, 0.00
HSL	359°, 100%, 81%
HSV	359°, 37%, 100%
XYZ	60.3324, 49.0102, 40.4625
YIQ	188.6330, 55.9780, 20.7620

Conversions

Conversions Part 2

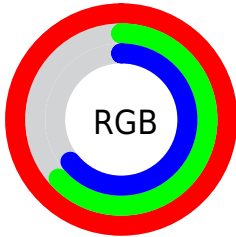
Format	Color
R_{YB}	255, 160, 162
Decimal	16752802
CIE _{Lab}	75.46, 35.49, 13.90
CIE _{LCh}	75, 38.118, 21.380
Yxy	49.0102, 0.4027, 0.3272
Android (android.graphics.Color)	4294942882 (0xFFFFA0A2)
YUV	188.6330, -13.1301, 58.2039
Hunter-Lab	70.0073, 31.3189, 14.7369

Details

The XYZ color **60.3324, 49.0102, 40.4625** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.9890, 86.0865, 105.9659**, and the grayscale version is **48.2115, 50.7223, 55.2366**.

A 20% lighter version of the original color is **78.3203, 75.3815, 76.0678**, and **30.8371, 23.3769, 17.6388** is the 20% darker color. If you saturate the color by 10%, you get **54.3533, 40.2578, 28.5865**, and if you desaturate by 10%, it is **67.6611, 59.7567, 54.9626**.

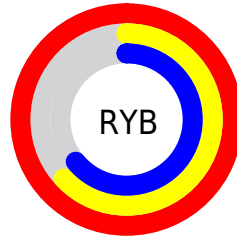
Distribution



Red (100%)

Green (63%)

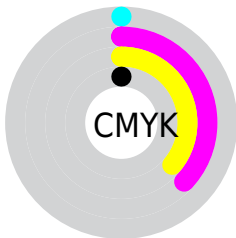
Blue (64%)



Red (100%)

Yellow (63%)

Blue (64%)

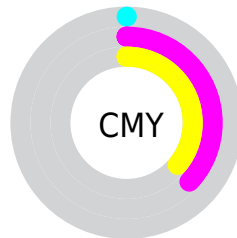


Cyan (0%)

Magenta (37%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3324, 49.0102, 40.4625 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 60.3324, 49.0102, 40.4625 by changing the saturation by 10% instead.


 60.3324, 49.0102,
40.4625


 60.3324, 49.0102,
40.4625


415.6370,
382.7825, 363.6790

 43.9371, 34.6276,
27.5828


 104.4153, 88.7066,
77.1121

 30.8188, 23.3761,
17.7751


 132.8336,
114.7892, 101.7190

 20.6120, 14.8715,
10.6209


165.9903,
145.5405, 131.0721

 12.9515, 8.7292,
5.7016

204.2508,
181.3450, 165.5899

 7.4720, 4.5650,
2.5986

247.9803,
222.5870, 205.6910

 3.8079, 1.9944,
0.8918

297.5443,

 1.5940, 0.6042,

269.6510, 251.7938

0.0000

353.3081,
322.9214, 304.3170

■ 0.3885, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3324, 49.0102,
40.4625

■ 60.3324, 49.0102,
40.4625

■ 54.3533, 40.2578,
28.5865

■ 67.6611, 59.7567,
54.9626

■ 49.6380, 33.3701,
19.1752

■ 76.4108, 72.6018,
72.2276

■ 46.0969, 28.2142,
12.0562

■ 86.6522, 87.6513,
92.3916

■ 43.6268, 24.6362,
7.0339

95.0500, 100.0000,
108.9000

■ 42.1070, 22.4552,
3.8800

■ 41.3837, 21.4392,
2.3117

■ 41.2693, 21.2717,
2.0845

Harmonies

Analogous

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



61.2607, 49.0102, 59.3766



60.3324, 49.0102, 40.4625



55.5359, 49.0102, 28.4789

Triad

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



60.3324, 49.0102, 40.4625



36.8027, 49.0102, 32.6707



44.5867, 49.0102, 101.4992

Complementary

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



60.3324, 49.0102, 40.4625



67.9890, 86.0865, 105.9659

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.



38.6476, 49.0102, 89.6698



60.3324, 49.0102, 40.4625



34.4592, 49.0102, 47.7713

Square

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



60.3324, 49.0102, 40.4625



41.8282, 49.0102, 24.8307



35.0989, 49.0102, 68.7516



51.6845, 49.0102, 98.1200

Rectangle

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



60.3324, 49.0102, 40.4625



51.0317, 49.0102, 24.4498



35.0989, 49.0102, 68.7516



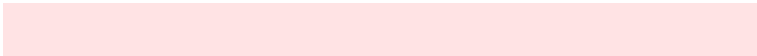
42.4001, 49.0102, 99.0801

Sweetspot

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



60.3337, 49.0126, 40.4634



82.6351, 81.7467, 84.4870



70.7066, 53.0283, 101.1166



17.3876, 17.0568, 17.4937



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.



60.3337, 49.0126, 40.4634



55.5868, 42.0622, 31.0406



69.2588, 67.1443, 42.5706



18.0249, 17.9933, 18.7480



21.5708, 11.1176, 1.1243



2.1055, 1.0846, 0.1368

Inverse Universe

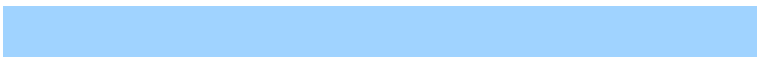
The Inverse Universe completely reimagines the original color for something new.



60.3337, 49.0126, 40.4634



55.5868, 42.0622, 31.0406



55.7608, 61.1189, 103.4660



18.0249, 17.9933, 18.7480



21.5708, 11.1176, 1.1243



2.1055, 1.0846, 0.1368

Previews

White Background



This preview shows how the XYZ color 60.3324, 49.0102, 40.4625 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 60.3324, 49.0102, 40.4625 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 60.3324, 49.0102, 40.4625

Background



This preview shows how black text looks on a background with the XYZ color 60.3324, 49.0102, 40.4625.



This preview shows how white text looks on a background with the XYZ color 60.3324, 49.0102,

40.4625.

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

60.3324, 49.0102, 40.4625

Protanopia

47.0350, 49.4194, 47.6173

Deuteranopia

50.1097, 49.0395, 39.6254



Tritanopia

60.9888, 48.9965, 44.7709

Trichromacy



Original Color

60.3324, 49.0102, 40.4625



Protanomaly

51.0022, 48.7936, 44.7602



Deuteranomaly

53.4108, 48.7011, 39.8429



Tritanomaly

60.7060, 48.8834, 43.2817

Monochromacy



Original Color

60.3324, 49.0102, 40.4625



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.4977, 49.2416, 49.4382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3324, 49.0102, 40.4625 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 162) }
```

Border

The CSS property to change the border of an element to XYZ 60.3324, 49.0102, 40.4625 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, 162) }
```


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

```
.border{ border-color:rgb(255, 160, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3324, 49.0102, 40.4625 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
160, 162) }
```

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