

Converting Colors

XYZ(60.5702, 49.5001, 40.4977)

Have a look what the booklet for
XYZ(60.5702, 49.5001, 40.4977)
contains.

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Color

**XYZ(60.5065, 49.3584,
40.5205)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1A2
RGB	255, 161, 162
RGB Percent	100%, 63%, 64%
CMY	0.0000, 0.3686, 0.3647
CMYK	0.00, 0.37, 0.36, 0.00
HSL	359°, 100%, 82%
HSV	359°, 37%, 100%
XYZ	60.5065, 49.3584, 40.5205
YIQ	189.2200, 55.7030, 20.2390

Conversions

Conversions Part 2

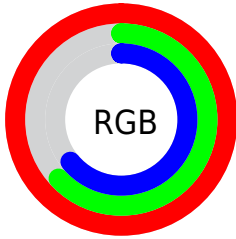
Format	Color
R_{YB}	255, 161, 162
Decimal	16753058
CIE Lab	75.67, 34.98, 14.20
CIE LCh	76, 37.749, 22.097
Yxy	49.3584, 0.4023, 0.3282
Android (android.graphics.Color)	4294943138 (0xFFFFA1A2)
YUV	189.2200, -13.4195, 57.6891
Hunter-Lab	70.2555, 30.7832, 14.9828

Details

The XYZ color **60.5065, 49.3584, 40.5205** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.3496, 86.2539, 106.8169**, and the grayscale version is **48.5490, 51.0773, 55.6232**.

A 20% lighter version of the original color is **78.5772, 75.8955, 76.1535**, and **30.9420, 23.5867, 17.6737** is the 20% darker color. If you saturate the color by 10%, you get **54.4738, 40.5293, 28.5327**, and if you desaturate by 10%, it is **67.9003, 60.1895, 55.1827**.

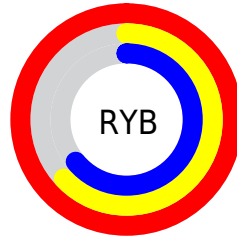
Distribution



Red (100%)

Green (63%)

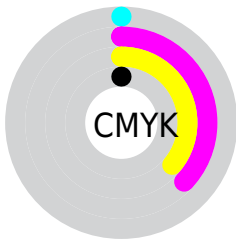
Blue (64%)



Red (100%)

Yellow (63%)

Blue (64%)

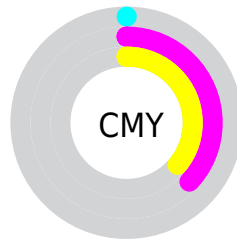


Cyan (0%)

Magenta (37%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5065, 49.3584, 40.5205 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 60.5065, 49.3584, 40.5205 by changing the saturation by 10% instead.


 60.5065, 49.3584,
40.5205


 60.5065, 49.3584,
40.5205


416.2671,
384.1516, 363.9297

 44.0780, 34.9039,
27.6277


 104.6662, 89.2235,
77.2012

 30.9300, 23.5888,
17.8086


 133.1282,
115.4029, 101.8262

 20.6971, 15.0289,
10.6447

166.3321,
146.2594, 131.1991

 13.0140, 8.8397,
5.7173

204.6432,
182.1773, 165.7383

 7.5153, 4.6368,
2.6080

248.4269,
223.5411, 205.8624

 3.8355, 2.0358,
0.8966

298.0485,

 1.6095, 0.6281,

270.7351, 251.9900

0.0000

353.8735,
324.1438, 304.5396

■ 0.3986, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5065, 49.3584,
40.5205

■ 60.5065, 49.3584,
40.5205

■ 54.4738, 40.5293,
28.5327

■ 67.9003, 60.1895,
55.1827

■ 49.7158, 33.5730,
19.0554

■ 76.7272, 73.1272,
72.6641

■ 46.1421, 28.3565,
11.9112

■ 87.0585, 88.2772,
93.1025

■ 43.6488, 24.7264,
6.8984

95.0500, 100.0000,
108.9000

■ 42.1142, 22.5025,
3.7808

■ 41.3851, 21.4571,
2.2656

■ 41.2548, 21.2659,
2.0078

Harmonies

Analogous

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



61.5310, 49.3584, 59.2134



60.5065, 49.3584, 40.5205



55.6677, 49.3584, 28.7258

Triad

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



60.5065, 49.3584, 40.5205



37.0844, 49.3584, 33.3885



45.0891, 49.3584, 101.6169

Complementary

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



60.5065, 49.3584, 40.5205



68.3496, 86.2539, 106.8169

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.



39.1292, 49.3584, 90.2111



60.5065, 49.3584, 40.5205



34.8166, 49.3584, 48.6202

Square

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



60.5065, 49.3584, 40.5205



42.0356, 49.3584, 25.3779



35.5262, 49.3584, 69.5679



52.1553, 49.3584, 97.8979

Rectangle

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



60.5065, 49.3584, 40.5205



51.1695, 49.3584, 24.7980



35.5262, 49.3584, 69.5679



42.9007, 49.3584, 99.3422

Sweetspot

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



60.5078, 49.3608, 40.5215



82.5946, 81.7305, 84.2741



71.4621, 53.6762, 101.2018



17.3781, 17.0529, 17.4435



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.



60.5078, 49.3608, 40.5215



56.0655, 42.8581, 31.6978



69.8502, 68.1867, 43.2012



18.0172, 17.9902, 18.7078



21.5599, 11.1132, 1.0668



2.1018, 1.0831, 0.1176

Inverse Universe

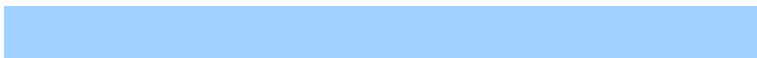
The Inverse Universe completely reimagines the original color for something new.



60.5078, 49.3608, 40.5215



56.0655, 42.8581, 31.6978



55.6899, 60.6789, 103.3848



18.0172, 17.9902, 18.7078



21.5599, 11.1132, 1.0668



2.1018, 1.0831, 0.1176

Previews

White Background



This preview shows how the XYZ color 60.5065, 49.3584, 40.5205 looks on a white background.

Color Contrast Check

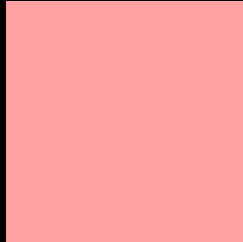
Large Text (above 18pt) WCAG AA × Fail

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 60.5065, 49.3584, 40.5205 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 60.5065, 49.3584, 40.5205

Background



This preview shows how black text looks on a background with the XYZ color 60.5065, 49.3584, 40.5205.



This preview shows how white text looks on a background with the XYZ color 60.5065, 49.3584,

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

60.5065, 49.3584, 40.5205

Protanopia

47.2891, 49.5504, 47.6292

Deuteranopia

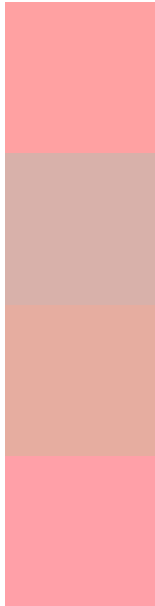
50.6036, 49.5928, 39.7062



Tritanopia

61.2572, 49.3802, 45.3324

Trichromacy



Original Color

60.5065, 49.3584, 40.5205

Protanomaly

51.2967, 48.9455, 44.7740

Deuteranomaly

53.9219, 49.2482, 39.9216

Tritanomaly

60.8787, 49.2288, 43.3392

Monochromacy



Original Color

60.5065, 49.3584, 40.5205

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.6974, 49.6410, 49.5048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5065, 49.3584, 40.5205 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, 161, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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, 161, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 162) }
```

Border

The CSS property to change the border of an element to XYZ 60.5065, 49.3584, 40.5205 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, 161, 162) }
```


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

```
.border{ border-color:rgb(255, 161, 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, 161, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5065, 49.3584, 40.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 162) }
```

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

```
.background{ background-color: rgb(255,  
161, 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](#).

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