

Converting Colors

XYZ(106.7279, 72.4719,
45.6391)

Have a look what the booklet for
XYZ(106.7279, 72.4719, 45.6391)
contains.

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Color

**XYZ(60.5347, 48.5409,
43.2246)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EA8
RGB	255, 158, 168
RGB Percent	100%, 62%, 66%
CMY	0.0000, 0.3804, 0.3412
CMYK	0.00, 0.38, 0.34, 0.00
HSL	354°, 100%, 81%
HSV	354°, 38%, 100%
XYZ	60.5347, 48.5409, 43.2246
YIQ	188.1430, 54.6020, 23.6740

Conversions

Conversions Part 2

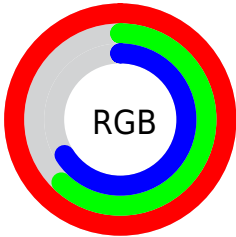
Format	Color
R_{YB}	255, 158, 168
Decimal	16752296
CIE Lab	75.16, 37.24, 10.19
CIE LCh	75, 38.606, 15.306
Yxy	48.5409, 0.3975, 0.3187
Android (android.graphics.Color)	4294942376 (0xFFFF9EA8)
YUV	188.1430, -9.9305, 58.6336
Hunter-Lab	69.6713, 33.1670, 11.9859

Details

The XYZ color **60.5347, 48.5409, 43.2246** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.3442, 85.3827, 99.3746**, and the grayscale version is **47.9154, 50.4107, 54.8973**.

A 20% lighter version of the original color is **78.6059, 74.6808, 80.0839**, and **30.9689, 23.0999, 19.3495** is the 20% darker color. If you saturate the color by 10%, you get **54.6809, 39.9487, 31.6690**, and if you desaturate by 10%, it is **67.6683, 59.0925, 57.0568**.

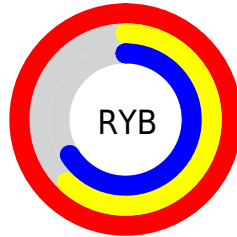
Distribution



Red (100%)

Green (62%)

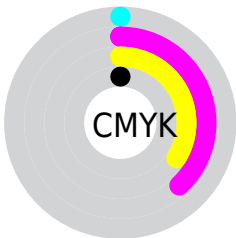
Blue (66%)



Red (100%)

Yellow (62%)

Blue (66%)

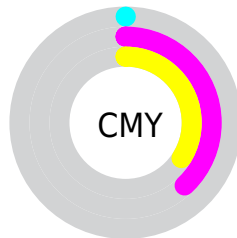


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5347, 48.5409, 43.2246 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 60.5347, 48.5409, 43.2246 by changing the saturation by 10% instead.


 60.5347, 48.5409,
43.2246


 60.5347, 48.5409,
43.2246


416.3691,
380.9321, 375.4829

 44.1009, 34.2554,
29.7287


 104.7069, 88.0092,
81.3397

 30.9481, 23.0899,
19.3824


 133.1759,
113.9608, 106.7959

 20.7109, 14.6599,
11.7673


166.3874,
144.5700, 137.0760

 13.0241, 8.5810,
6.4648

204.7067,
180.2210, 172.5984

 7.5223, 4.4689,
3.0564

248.4992,
221.2984, 213.7818

 3.8400, 1.9392,
1.1235

298.1302,

 1.6120, 0.5718,

268.1864, 261.0447

0.0000

353.9650,
321.2695, 314.8055

■ 0.4002, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5347, 48.5409,
43.2246

■ 60.5347, 48.5409,
43.2246

■ 54.6809, 39.9487,
31.6690

■ 67.6683, 59.0925,
57.0568

■ 50.0271, 33.1883,
22.2650

■ 76.1473, 71.7064,
73.2758

■ 46.4907, 28.1287,
14.8798

■ 86.0377, 86.4868,
91.9878

■ 43.9768, 24.6179,
9.3650

95.0500, 100.0000,
108.9000

■ 42.3746, 22.4774,
5.5509

■ 41.5386, 21.4664,
3.2343

■ 41.4295, 21.3358,
2.9281

Harmonies

Analogous

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



60.5798, 48.5409, 63.3595



60.5347, 48.5409, 43.2246



56.3766, 48.5409, 29.7207

Triad

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



60.5347, 48.5409, 43.2246



37.1295, 48.5409, 29.9216



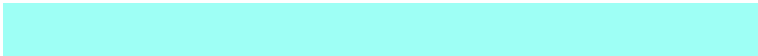
42.7726, 48.5409, 100.1820

Complementary

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



60.5347, 48.5409, 43.2246



66.3442, 85.3827, 99.3746

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.



37.2184, 48.5409, 85.6523



60.5347, 48.5409, 43.2246



34.1936, 48.5409, 43.5770

Square

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



60.5347, 48.5409, 43.2246



42.6394, 48.5409, 23.4859



34.2244, 48.5409, 63.8140



49.8202, 48.5409, 100.0172

Rectangle

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



60.5347, 48.5409, 43.2246



52.0540, 48.5409, 24.7784



34.2244, 48.5409, 63.8140



40.6857, 48.5409, 96.7189

Sweetspot

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



60.5360, 48.5433, 43.2255



82.9559, 81.8750, 86.1766



67.4767, 50.8527, 100.8668



17.4633, 17.0870, 17.8924



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.



60.5360, 48.5433, 43.2255



55.7733, 41.5461, 33.8438



66.9693, 62.8432, 40.9512



18.0854, 18.0175, 19.0670



21.6725, 11.1583, 1.6597



2.1341, 1.0960, 0.2877

Inverse Universe

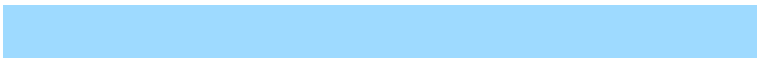
The Inverse Universe completely reimagines the original color for something new.



60.5360, 48.5433, 43.2255



55.7733, 41.5461, 33.8438



57.1765, 64.5389, 104.0514



18.0854, 18.0175, 19.0670



21.6725, 11.1583, 1.6597



2.1341, 1.0960, 0.2877

Previews

White Background



This preview shows how the XYZ color 60.5347, 48.5409, 43.2246 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 60.5347, 48.5409, 43.2246 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 60.5347, 48.5409, 43.2246

Background



This preview shows how black text looks on a background with the XYZ color 60.5347, 48.5409, 43.2246.



This preview shows how white text looks on a background with the XYZ color 60.5347, 48.5409,

43.2246.

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

60.5347, 48.5409, 43.2246

Protanopia

46.7787, 48.8941, 51.2280

Deuteranopia

49.6849, 48.7694, 41.9167



Tritanopia

60.7226, 48.6160, 44.2136

Trichromacy



Original Color

60.5347, 48.5409, 43.2246



Protanomaly

50.7064, 47.9804, 48.1836



Deuteranomaly

53.0330, 48.1733, 42.1005



Tritanomaly

60.6283, 48.5783, 43.7172

Monochromacy



Original Color

60.5347, 48.5409, 43.2246



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.2140, 48.7775, 50.4318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5347, 48.5409, 43.2246 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, 158, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 168)  
}
```

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, 158, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 168) }
```

Border

The CSS property to change the border of an element to XYZ 60.5347, 48.5409, 43.2246 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, 158, 168) }
```


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

```
.border{ border-color:rgb(255, 158, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5347, 48.5409, 43.2246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 168) }
```

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

```
.background{ background-color: rgb(255,  
158, 168) }
```

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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