

Converting Colors

XYZ(62.0334, 48.8493, 45.1143)

Have a look what the booklet for
XYZ(62.0334, 48.8493, 45.1143)
contains.

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Color

**XYZ(60.5749, 48.0155,
45.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CAC
RGB	255, 156, 172
RGB Percent	100%, 61%, 67%
CMY	0.0000, 0.3882, 0.3255
CMYK	0.00, 0.39, 0.33, 0.00
HSL	350°, 100%, 81%
HSV	350°, 39%, 100%
XYZ	60.5749, 48.0155, 45.1050
YIQ	187.4250, 53.8680, 25.9640

Conversions

Conversions Part 2

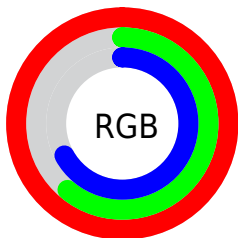
Format	Color
R_{YB}	255, 156, 172
Decimal	16751788
CIE _{Lab}	74.83, 38.75, 7.52
CIE _{LCh}	75, 39.478, 10.982
Yxy	48.0155, 0.3941, 0.3124
Android (android.graphics.Color)	4294941868 (0xFFFF9CAC)
YUV	187.4250, -7.6045, 59.2633
Hunter-Lab	69.2932, 34.7784, 9.9116

Details

The XYZ color **60.5749, 48.0155, 45.1050** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.0524, 84.8209, 94.6092**, and the grayscale version is **47.4956, 49.9691, 54.4163**.

A 20% lighter version of the original color is **78.6486, 73.8930, 82.7906**, and **31.0054, 22.7923, 20.5345** is the 20% darker color. If you saturate the color by 10%, you get **54.8454, 39.5825, 33.8666**, and if you desaturate by 10%, it is **67.5353, 58.3815, 58.3845**.

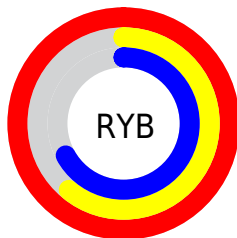
Distribution



Red (100%)

Green (61%)

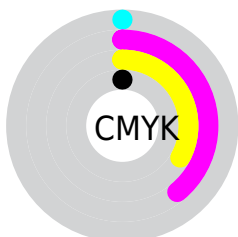
Blue (67%)



Red (100%)

Yellow (61%)

Blue (67%)

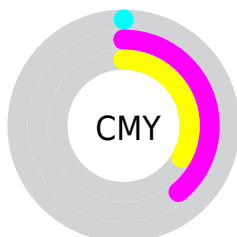


Cyan (0%)

Magenta (39%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (39%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5749, 48.0155, 45.1050 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 60.5749, 48.0155, 45.1050 by changing the saturation by 10% instead.


 60.5749, 48.0155,
45.1050


 60.5749, 48.0155,
45.1050


416.5145,
378.8536, 383.3712

 44.1334, 33.8392,
31.1966

 104.7648, 87.2275,
84.1981

 30.9738, 22.7701,
20.4889


 133.2439,
113.0319, 110.2198

 20.7306, 14.4238,
12.5633


166.4663,
143.4812, 141.1164

 13.0386, 8.4160,
7.0014

204.7973,
178.9596, 177.3064

 7.5323, 4.3623,
3.3845

248.6022,
219.8517, 219.2083

 3.8464, 1.8782,
1.2942

298.2465,

 1.6156, 0.5352,

266.5418, 267.2407

0.0570

354.0955,
319.4143, 321.8222

■ 0.4026, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5749, 48.0155,
45.1050

■ 60.5749, 48.0155,
45.1050

■ 54.8454, 39.5825,
33.8666

■ 67.5353, 58.3815,
58.3845

■ 50.2708, 32.9559,
24.5646

■ 75.7895, 70.7829,
73.7970

■ 46.7721, 28.0051,
17.0890

■ 85.4003, 85.3233,
91.4323

■ 44.2587, 24.5786,
11.3176

95.0500, 100.0000,
108.9000

■ 42.6244, 22.4976,
7.1123

■ 41.7220, 21.5050,
4.3074

■ 41.6437, 21.4215,
4.0561

Harmonies

Analogous

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



59.9722, 48.0155, 66.2513



60.5749, 48.0155, 45.1050



56.8721, 48.0155, 30.4025

Triad

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



60.5749, 48.0155, 45.1050



37.1693, 48.0155, 27.7539



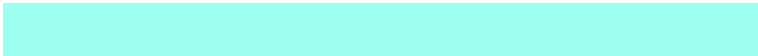
41.2850, 48.0155, 99.2737

Complementary

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



60.5749, 48.0155, 45.1050



65.0524, 84.8209, 94.6092

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.



35.9890, 48.0155, 82.7317



60.5749, 48.0155, 45.1050



33.7906, 48.0155, 40.4267

Square

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



60.5749, 48.0155, 45.1050



43.0577, 48.0155, 22.2810



33.3825, 48.0155, 60.1798



48.3179, 48.0155, 101.4889

Rectangle

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



60.5749, 48.0155, 45.1050



52.6666, 48.0155, 24.7689



33.3825, 48.0155, 60.1798



39.2630, 48.0155, 95.0343

Sweetspot

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



60.5761, 48.0178, 45.1059



82.1942, 80.4630, 85.5797



65.3680, 49.2632, 100.6712



17.3198, 16.8088, 17.8172



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.



60.5761, 48.0178, 45.1059



55.8006, 40.9801, 35.7658



65.4399, 60.0577, 39.5987



18.1290, 18.0349, 19.2967



21.7948, 11.2072, 2.3039



2.1546, 1.1042, 0.3954

Inverse Universe

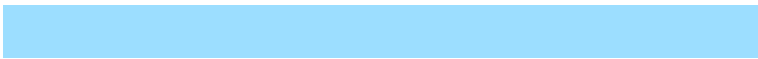
The Inverse Universe completely reimagines the original color for something new.



60.5761, 48.0178, 45.1059



55.8006, 40.9801, 35.7658



57.8835, 66.5323, 104.3990



18.1290, 18.0349, 19.2967



21.7948, 11.2072, 2.3039



2.1546, 1.1042, 0.3954

Previews

White Background



This preview shows how the XYZ color 60.5749, 48.0155, 45.1050 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 60.5749, 48.0155, 45.1050 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 60.5749, 48.0155, 45.1050

Background



This preview shows how black text looks on a background with the XYZ color 60.5749, 48.0155, 45.1050.



This preview shows how white text looks on a background with the XYZ color 60.5749, 48.0155,

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

60.5749, 48.0155, 45.1050

Protanopia

46.6036, 48.4336, 53.9061

Deuteranopia

49.2828, 48.2233, 43.7563



Tritanopia

60.3649, 48.2011, 43.1680

Trichromacy



Original Color

60.5749, 48.0155, 45.1050



Protanomaly

50.7309, 47.6466, 50.7789



Deuteranomaly

52.9002, 47.7828, 43.9710



Tritanomaly

60.4584, 48.2385, 43.6606

Monochromacy



Original Color

60.5749, 48.0155, 45.1050



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.1202, 48.4251, 50.9086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5749, 48.0155, 45.1050 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, 156, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 172)  
}
```

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, 156, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 172) }
```

Border

The CSS property to change the border of an element to XYZ 60.5749, 48.0155, 45.1050 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, 156, 172) }
```


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

```
.border{ border-color:rgb(255, 156, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5749, 48.0155, 45.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 172) }
```

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

```
.background{ background-color: rgb(255,  
156, 172) }
```

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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