

Converting Colors

XYZ(60.1329, 48.7502, 42.9422)

Have a look what the booklet for
XYZ(60.1329, 48.7502, 42.9422)
contains.

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Color

**XYZ(60.0539, 48.8143,
42.8161)**

Conversions

Conversions Part 1

Format	Color
Hex	FDA0A7
RGB	253, 160, 167
RGB Percent	99%, 63%, 65%
CMY	0.0078, 0.3725, 0.3451
CMYK	0.00, 0.37, 0.34, 0.01
HSL	355°, 96%, 81%
HSV	355°, 37%, 99%
XYZ	60.0539, 48.8143, 42.8161
YIQ	188.6050, 53.1810, 21.8930

Conversions

Conversions Part 2

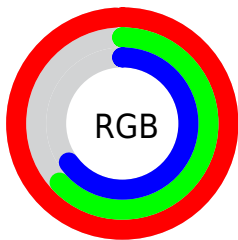
Format	Color
R _Y B	253, 160, 167
Decimal	16621735
CIE Lab	75.34, 35.36, 10.95
CIE LCh	75, 37.015, 17.207
Yxy	48.8143, 0.3959, 0.3218
Android (android.graphics.Color)	4294811815 (0xFFFDA0A7)
YUV	188.6050, -10.6513, 56.4744
Hunter-Lab	69.8672, 31.1608, 12.5729

Details

The XYZ color **60.0539, 48.8143, 42.8161** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.2593, 84.3791, 99.9880**, and the grayscale version is **48.1831, 50.6923, 55.2039**.

A 20% lighter version of the original color is **78.9807, 75.6457, 79.5456**, and **30.6003, 23.2225, 19.0892** is the 20% darker color. If you saturate the color by 10%, you get **54.1350, 40.1304, 31.1199**, and if you desaturate by 10%, it is **67.2591, 59.4442, 56.8726**.

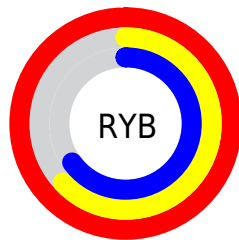
Distribution



Red (99%)

Green (63%)

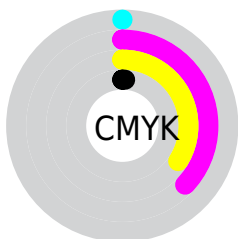
Blue (65%)



Red (99%)

Yellow (63%)

Blue (65%)

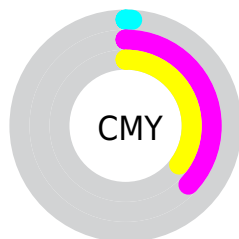


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (1%)



Cyan (1%)


Magenta (37%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0539, 48.8143, 42.8161 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 60.0539, 48.8143, 42.8161 by changing the saturation by 10% instead.


 60.0539, 48.8143,
42.8161


 60.0539, 48.8143,
42.8161


414.6280,
382.0108, 373.7539

 43.7117, 34.4722,
29.4105


 104.0138, 88.4156,
80.7167

 30.6409, 23.2566,
19.1433


 132.3621,
114.4436, 106.0487

 20.4760, 14.7831,
11.5960


165.4433,
145.1356, 136.1933

 12.8518, 8.6673,
6.3501

203.6225,
180.8761, 171.5691

 7.4029, 4.5248,
2.9869

247.2653,
222.0495, 212.5944

 3.7639, 1.9713,
1.0879

296.7369,

 1.5694, 0.5907,

269.0402, 259.6880

0.0000

352.4026,
322.2325, 313.2683

■ 0.3724, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0539, 48.8143,
42.8161

■ 60.0539, 48.8143,
42.8161

■ 54.1350, 40.1304,
31.1199

■ 67.2591, 59.4442,
56.8726

■ 49.4229, 33.2680,
21.6517

■ 75.8162, 72.1206,
73.4061

■ 45.8355, 28.0994,
14.2707

■ 85.7909, 86.9456,
92.5287

■ 43.2785, 24.4773,
8.8189

94.3181, 99.6227,
108.8657

■ 41.6422, 22.2292,
5.1152

■ 40.7906, 21.1382,
2.9441

■ 40.6259, 20.9298,
2.5160

Harmonies

Analogous

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



60.3643, 48.8143, 61.8888



60.0539, 48.8143, 42.8161



55.8670, 48.8143, 30.1186

Triad

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



60.0539, 48.8143, 42.8161



37.4406, 48.8143, 31.5382



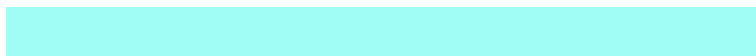
43.5587, 48.8143, 98.7174

Complementary

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



60.0539, 48.8143, 42.8161



66.2593, 84.3791, 99.9880

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.



38.0618, 48.8143, 85.6701



60.0539, 48.8143, 42.8161



34.7690, 48.8143, 45.2760

Square

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



60.0539, 48.8143, 42.8161



42.6318, 48.8143, 24.7856



34.9847, 48.8143, 65.0268



50.3766, 48.8143, 97.5928

Rectangle

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



60.0539, 48.8143, 42.8161



51.6532, 48.8143, 25.5444



34.9847, 48.8143, 65.0268



41.5091, 48.8143, 95.7316

Sweetspot

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



60.0552, 48.8167, 42.8171



82.8466, 81.8313, 85.6010



68.0453, 51.6934, 99.3201



17.4375, 17.0767, 17.7565



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.



60.0552, 48.8167, 42.8171



56.6378, 43.0871, 34.7115



67.2207, 64.1547, 42.1010



18.0648, 18.0092, 18.9584



21.6307, 11.1416, 1.4398



2.1244, 1.0921, 0.2365

Inverse Universe

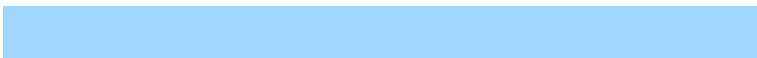
The Inverse Universe completely reimagines the original color for something new.



60.0552, 48.8167, 42.8171



56.6378, 43.0871, 34.7115



56.3388, 62.7874, 102.0785



18.0648, 18.0092, 18.9584



21.6307, 11.1416, 1.4398



2.1244, 1.0921, 0.2365

Previews

White Background



This preview shows how the XYZ color 60.0539, 48.8143, 42.8161 looks on a white background.

Color Contrast Check

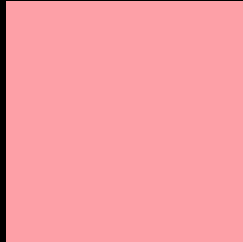
Large Text (above 18pt) WCAG AA × Fail

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 60.0539, 48.8143, 42.8161 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 60.0539, 48.8143, 42.8161

Background



This preview shows how black text looks on a background with the XYZ color 60.0539, 48.8143, 42.8161.



This preview shows how white text looks on a background with the XYZ color 60.0539, 48.8143,

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

60.0539, 48.8143, 42.8161

Protanopia

47.1753, 49.1105, 50.7089

Deuteranopia

49.9723, 48.9176, 41.9302



Tritanopia

60.2568, 48.6192, 44.7366

Trichromacy



Original Color

60.0539, 48.8143, 42.8161



Protanomaly

51.0934, 48.4814, 47.7392



Deuteranomaly

53.2226, 48.5526, 42.1638



Tritanomaly

60.1618, 48.5812, 44.2364

Monochromacy



Original Color

60.0539, 48.8143, 42.8161



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.4123, 49.1740, 50.4979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0539, 48.8143, 42.8161 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(253, 160, 167)` looks like.

```
.text, #text, p{  
    color:rgb(253, 160, 167)  
}
```

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(253, 160, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 160, 167) }
```

Border

The CSS property to change the border of an element to XYZ 60.0539, 48.8143, 42.8161 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(253, 160, 167) }
```


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

```
.border{ border-color:rgb(253, 160, 167) }
```

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

Here you see how a box with a 4 pixel rgb(253, 160, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 160, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 160, 167);  
box-shadow:4px 4px 4px 4px rgb(253, 160,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0539, 48.8143, 42.8161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 160, 167) }
```

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

```
.background{ background-color: rgb(253,  
160, 167) }
```

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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