

Converting Colors

XYZ(60.8008, 49.2229, 65.3279)

Have a look what the booklet for
XYZ(60.8008, 49.2229, 65.3279)
contains.

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Color

**XYZ(60.8008, 49.2229,
65.3279)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A2CF
RGB	242, 162, 207
RGB Percent	95%, 64%, 81%
CMY	0.0510, 0.3647, 0.1882
CMYK	0.00, 0.33, 0.14, 0.05
HSL	326°, 75%, 79%
HSV	326°, 33%, 95%
XYZ	60.8008, 49.2229, 65.3279
YIQ	191.0500, 33.2350, 30.9550

Conversions

Conversions Part 2

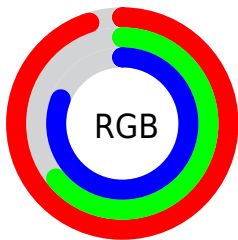
Format	Color
R _Y B	242, 162, 207
Decimal	15901391
CIE Lab	75.59, 36.03, -10.77
CIE LCh	76, 37.610, 343.357
Yxy	49.2229, 0.3467, 0.2807
Android (android.graphics.Color)	4294091471 (0xFF2A2CF)
YUV	191.0500, 7.8633, 44.6831
Hunter-Lab	70.1590, 31.9123, -6.0960

Details

The XYZ color **60.8008, 49.2229, 65.3279** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.7326, 75.2183, 64.3553**, and the grayscale version is **49.4939, 52.0714, 56.7058**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **31.2260, 23.5515, 33.0371** is the 20% darker color. If you saturate the color by 10%, you get **55.6898, 41.0030, 57.4505**, and if you desaturate by 10%, it is **66.8218, 59.1225, 73.9381**.

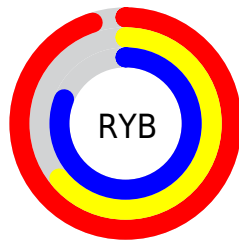
Distribution



Red (95%)

Green (64%)

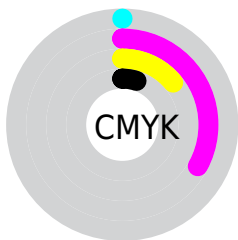
Blue (81%)



Red (95%)

Yellow (64%)

Blue (81%)

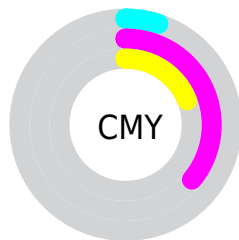


Cyan (0%)

Magenta (33%)

Yellow (14%)

Black (5%)



Cyan (5%)


Magenta (36%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8008, 49.2229, 65.3279 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 60.8008, 49.2229, 65.3279 by changing the saturation by 10% instead.


 60.8008, 49.2229,
65.3279


 60.8008, 49.2229,
65.3279


417.3308,
383.6192, 462.3078

 44.3164, 34.7963,
47.2740


 105.0902, 89.0224,
114.1389

 31.1183, 23.5060,
32.8964


 133.6259,
115.1642, 145.7331

 20.8412, 14.9676,
21.7766


166.9093,
145.9797, 182.6778

 13.1198, 8.7966,
13.4961

205.3059,
181.8536, 225.3916

 7.5886, 4.6088,
7.6363

249.1810,
223.1700, 274.2929

 3.8825, 2.0196,
3.7787

298.9000,

 1.6358, 0.6188,

270.3135, 329.8003

1.5048

354.8281,
323.6684, 392.3325

■ 0.4156, 0.0000,
0.2215

■ 0.0000, 0.0000,
0.0000

■ 60.8008, 49.2229,
65.3279

■ 60.8008, 49.2229,
65.3279

■ 55.6898, 41.0030,
57.4505

■ 66.8218, 59.1225,
73.9381

■ 51.4355, 34.3610,
50.2781

■ 73.7935, 70.7826,
83.3010

■ 47.9856, 29.1943,
43.7853

■ 81.7593, 84.2869,
93.4397

■ 45.2800, 25.3855,
37.9431

■ 89.5324, 97.2591,
103.9661

■ 43.2492, 22.7988,
32.7192

■ 90.4283, 97.6174,
108.6837

■ 41.8095, 21.2698,
28.0763

■ 41.0707, 20.6584,
25.1598

Harmonies

Analogous

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



56.5783, 49.2229, 86.5381



60.8008, 49.2229, 65.3279



61.0374, 49.2229, 45.2264

Triad

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



60.8008, 49.2229, 65.3279



43.7633, 49.2229, 24.3041



37.7208, 49.2229, 84.4190

Complementary

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



60.8008, 49.2229, 65.3279



56.7326, 75.2183, 64.3553

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.



34.9441, 49.2229, 62.9379



60.8008, 49.2229, 65.3279



38.1923, 49.2229, 30.2956

Square

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



60.8008, 49.2229, 65.3279



50.7198, 49.2229, 24.6410



35.1076, 49.2229, 43.3590



43.0589, 49.2229, 99.2941

Rectangle

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



60.8008, 49.2229, 65.3279



58.8655, 49.2229, 35.1762



35.1076, 49.2229, 43.3590



36.4817, 49.2229, 77.5295

Sweetspot

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



60.8022, 49.2252, 65.3289



85.7032, 84.0979, 97.1786



51.8882, 44.0794, 89.7786



18.0826, 17.5588, 20.4629



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.



60.8022, 49.2252, 65.3289



64.3105, 48.7142, 67.2295



56.5461, 47.5227, 42.9161



16.1452, 15.9078, 18.3207



22.1332, 11.1257, 13.8841



1.8912, 0.9455, 1.4178

Inverse Universe

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



60.8022, 49.2252, 65.3289



64.3105, 48.7142, 67.2295



61.8915, 77.2819, 91.5215



16.1452, 15.9078, 18.3207



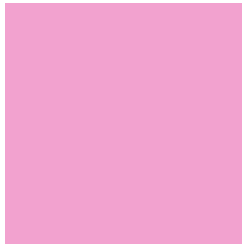
22.1332, 11.1257, 13.8841



1.8912, 0.9455, 1.4178

Previews

White Background



This preview shows how the XYZ color 60.8008, 49.2229, 65.3279 looks on a white background.

Color Contrast Check

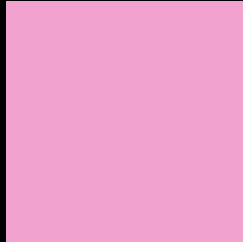
Large Text (above 18pt) WCAG AA × Fail

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 60.8008, 49.2229, 65.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

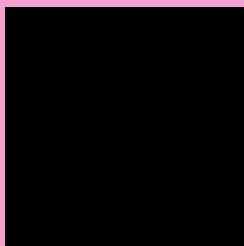
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8008, 49.2229, 65.3279

Background



This preview shows how black text looks on a background with the XYZ color 60.8008, 49.2229, 65.3279.



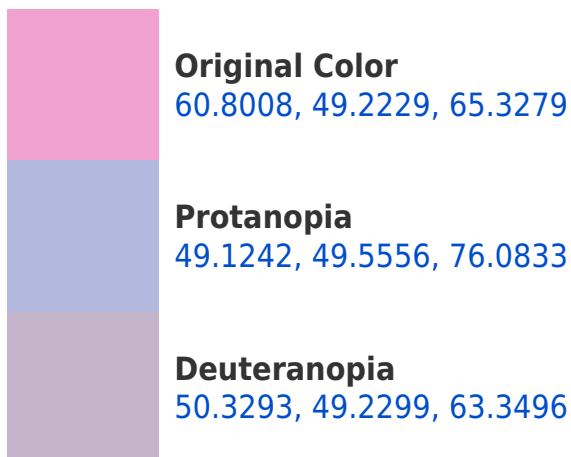
This preview shows how white text looks on a background with the XYZ color 60.8008, 49.2229,

65.3279.

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





Tritanopia

57.6535, 49.2834, 49.6540

Trichromacy



Original Color

60.8008, 49.2229, 65.3279



Protanomaly

52.6036, 49.0106, 72.3331



Deuteranomaly

53.4757, 48.7779, 63.7233



Tritanomaly

58.6846, 49.1532, 55.1097

Monochromacy



Original Color

60.8008, 49.2229, 65.3279



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.9776, 50.3754, 59.7545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8008, 49.2229, 65.3279 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(242, 162, 207)` looks like.

```
.text, #text, p{  
    color:rgb(242, 162, 207)  
}
```

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(242, 162, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 162, 207) }
```

Border

The CSS property to change the border of an element to XYZ 60.8008, 49.2229, 65.3279 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(242, 162, 207) }
```


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

```
.border{ border-color:rgb(242, 162, 207) }
```

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

Here you see how a box with a 4 pixel rgb(242, 162, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 162, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 162, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 162,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8008, 49.2229, 65.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 162, 207) }
```

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

```
.background{ background-color: rgb(242,  
162, 207) }
```

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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