

Converting Colors

XYZ(60.2275, 40.0295, 67.4673)

Have a look what the booklet for
XYZ(60.2275, 40.0295, 67.4673)
contains.

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Color

**XYZ(60.2098, 39.9832,
67.4949)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7AD5
RGB	255, 122, 213
RGB Percent	100%, 48%, 84%
CMY	0.0000, 0.5215, 0.1647
CMYK	0.00, 0.52, 0.16, 0.00
HSL	319°, 100%, 74%
HSV	319°, 52%, 100%
XYZ	60.2098, 39.9832, 67.4949
YIQ	172.1410, 50.0570, 56.4970

Conversions

Conversions Part 2

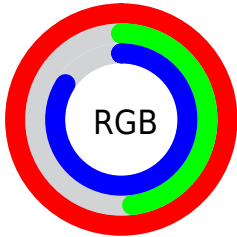
Format	Color
RYB	255, 122, 213
Decimal	16743125
CIELab	69.46, 61.07, -23.19
CIElCh	69, 65.321, 339.206
Yxy	39.9832, 0.3591, 0.2384
Android (android.graphics.Color)	4294933205 (0xFFFF7AD5)
YUV	172.1410, 20.1435, 72.6673
Hunter-Lab	63.2323, 59.3113, -19.0243

Details

The XYZ color **60.2098, 39.9832, 67.4949** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.4885, 78.3387, 47.5849**, and the grayscale version is **39.1688, 41.2087, 44.8762**.

A 20% lighter version of the original color is **75.4101, 60.7202, 102.3534**, and **30.8268, 17.9850, 34.1944** is the 20% darker color. If you saturate the color by 10%, you get **56.4824, 34.1238, 61.3342**, and if you desaturate by 10%, it is **64.8111, 47.5088, 74.1983**.

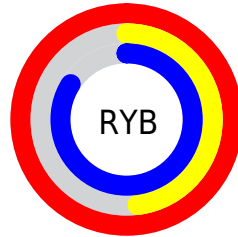
Distribution



Red (100%)

Green (48%)

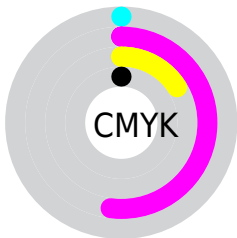
Blue (84%)



Red (100%)

Yellow (48%)

Blue (84%)

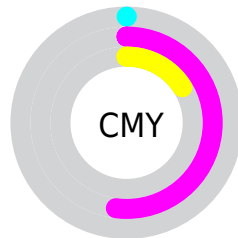


Cyan (0%)

Magenta (52%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2098, 39.9832, 67.4949 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 60.2098, 39.9832, 67.4949 by changing the saturation by 10% instead.


 60.2098, 39.9832,
67.4949


 60.2098, 39.9832,
67.4949


415.1930,
346.0528, 470.2537


 43.8379, 27.5254,
49.0228


 104.2386, 75.1379,
117.2766

 30.7404, 17.9682,
34.2718


 132.6261, 98.6037,
149.4234

 20.5521, 10.9272,
22.8235


 165.7496,
126.5076, 186.9654

 12.9076, 6.0179,
14.2591

203.9743,
159.2340, 230.3212

 7.4415, 2.8560,
8.1603

247.6656,
197.1673, 279.9094

 3.7885, 1.0570,
4.1085

297.1890,

 1.5832, 0.0000,

240.6920, 336.1486

1.6850

352.9096,
290.1923, 399.4571

■ 0.3814, 0.0000,
0.3504

■ 0.0000, 0.0000,
0.0000

■ 60.2098, 39.9832,
67.4949

■ 60.2098, 39.9832,
67.4949

■ 56.4824, 34.1238,
61.3342

■ 64.8111, 47.5088,
74.1983

■ 53.5597, 29.7938,
55.6880

■ 70.3427, 56.8130,
81.4653

■ 51.3660, 26.8430,
50.5281

■ 76.8596, 68.0042,
89.3182

■ 49.8091, 25.0881,
45.8199

■ 84.4115, 81.1807,
97.7768

■ 48.9260, 24.3344,
42.4037

■ 93.0446, 96.4341,
106.8600

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.2685, 39.9832, 105.5785



60.2098, 39.9832, 67.4949



61.6570, 39.9832, 34.9130

Triad

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



60.2098, 39.9832, 67.4949



34.8592, 39.9832, 7.7433



24.3910, 39.9832, 91.3495

Complementary

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



60.2098, 39.9832, 67.4949



50.4885, 78.3387, 47.5849

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.



21.3355, 39.9832, 53.4709



60.2098, 39.9832, 67.4949



26.6022, 39.9832, 12.3166

Square

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



60.2098, 39.9832, 67.4949



45.6414, 39.9832, 8.7402



22.0626, 39.9832, 26.0451



31.2679, 39.9832, 123.1979

Rectangle

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



60.2098, 39.9832, 67.4949



58.5224, 39.9832, 20.9530



22.0626, 39.9832, 26.0451



22.9463, 39.9832, 78.3404

Sweetspot

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



60.2107, 39.9850, 67.4957



81.3816, 75.8722, 94.4508



39.8914, 28.8123, 98.0666



17.0858, 15.6582, 19.8433



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.



60.2107, 39.9850, 67.4957



56.2050, 33.7002, 60.8370



53.5938, 37.3382, 32.6513



18.5342, 18.1970, 21.4302



25.6356, 12.7435, 22.5291



2.5456, 1.2606, 2.4545

Inverse Universe

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



60.2107, 39.9850, 67.4957



56.2050, 33.7002, 60.8370



57.8465, 81.2819, 86.3315



18.5342, 18.1970, 21.4302



25.6356, 12.7435, 22.5291



2.5456, 1.2606, 2.4545

Previews

White Background



This preview shows how the XYZ color 60.2098, 39.9832, 67.4949 looks on a white background.

Color Contrast Check

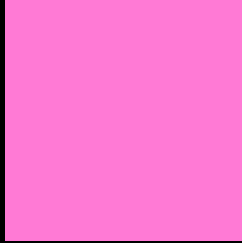
Large Text (above 18pt) WCAG AA × Fail

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 60.2098, 39.9832, 67.4949 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 60.2098, 39.9832, 67.4949

Background



This preview shows how black text looks on a background with the XYZ color 60.2098, 39.9832, 67.4949.



This preview shows how white text looks on a background with the XYZ color 60.2098, 39.9832,

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

60.2098, 39.9832, 67.4949

Protanopia

42.1088, 40.2821, 93.5515

Deuteranopia

41.1390, 40.1637, 63.9766



Tritanopia

52.9235, 39.9544, 32.5264

Trichromacy



Original Color

60.2098, 39.9832, 67.4949



Protanomaly

45.8292, 38.3217, 83.5786



Deuteranomaly

46.2344, 38.6955, 65.3538



Tritanomaly

55.3856, 39.9520, 43.3204

Monochromacy



Original Color

60.2098, 39.9832, 67.4949



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

44.8824, 39.2556, 52.2252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2098, 39.9832, 67.4949 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, 122, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 213)  
}
```

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, 122, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.2098, 39.9832, 67.4949 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, 122, 213) }
```


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

```
.border{ border-color:rgb(255, 122, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2098, 39.9832, 67.4949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 213) }
```

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

```
.background{ background-color: rgb(255,  
122, 213) }
```

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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