

Converting Colors

XYZ(60.5179, 40.2556, 68.6578)

Have a look what the booklet for
XYZ(60.5179, 40.2556, 68.6578)
contains.

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Color

**XYZ(60.5887, 40.3322,
68.8815)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7BD7
RGB	255, 123, 215
RGB Percent	100%, 48%, 84%
CMY	0.0000, 0.5176, 0.1569
CMYK	0.00, 0.52, 0.16, 0.00
HSL	318°, 100%, 74%
HSV	318°, 52%, 100%
XYZ	60.5887, 40.3322, 68.8815
YIQ	172.9560, 49.1400, 56.5960

Conversions

Conversions Part 2

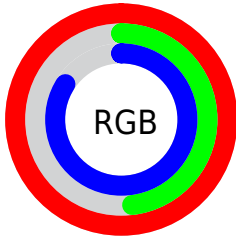
Format	Color
R _Y B	255, 123, 215
Decimal	16743383
CIE Lab	69.71, 60.90, -23.92
CIE LCh	70, 65.426, 338.554
Yxy	40.3322, 0.3568, 0.2375
Android (android.graphics.Color)	4294933463 (0xFFFF7BD7)
YUV	172.9560, 20.7277, 71.9526
Hunter-Lab	63.5076, 59.1574, -19.8516

Details

The XYZ color **60.5887, 40.3322, 68.8815** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.5408, 78.3760, 47.1175**, and the grayscale version is **39.5795, 41.6407, 45.3468**.

A 20% lighter version of the original color is **75.6113, 61.1225, 102.4204**, and **31.0583, 18.1703, 35.1280** is the 20% darker color. If you saturate the color by 10%, you get **56.8576, 34.4217, 62.8541**, and if you desaturate by 10%, it is **65.1923, 47.9123, 75.4321**.

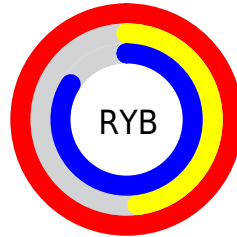
Distribution



Red (100%)

Green (48%)

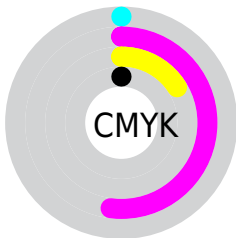
Blue (84%)



Red (100%)

Yellow (48%)

Blue (84%)

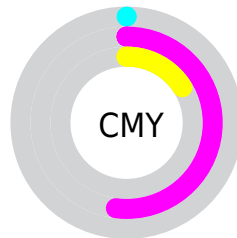


Cyan (0%)

Magenta (52%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5887, 40.3322, 68.8815 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 60.5887, 40.3322, 68.8815 by changing the saturation by 10% instead.


 60.5887, 40.3322,
68.8815


 60.5887, 40.3322,
68.8815

416.5644,
347.5218, 475.2955


 44.1446, 27.7977,
50.1441

 104.7847, 75.6691,
119.2784

 30.9826, 18.1732,
35.1559


 133.2672, 99.2403,
151.7750

 20.7374, 11.0744,
23.4985


 166.4934,
127.2591, 189.6950

 13.0435, 6.1169,
14.7533

204.8284,
160.1099, 233.4569

 7.5357, 2.9163,
8.5017

248.6376,
198.1772, 283.4794

 3.8486, 1.0882,
4.3253

298.2864,

 1.6169, 0.0000,

241.8454, 340.1810

1.8054

354.1403,
291.4988, 403.9802

■ 0.4034, 0.0000,
0.4315

■ 0.0000, 0.0000,
0.0000

■ 60.5887, 40.3322,
68.8815

■ 60.5887, 40.3322,
68.8815

■ 56.8576, 34.4217,
62.8541

■ 65.1923, 47.9123,
75.4321

■ 53.9301, 30.0445,
57.3223

■ 70.7244, 57.2736,
82.5263

■ 51.7312, 27.0515,
52.2585

■ 77.2398, 68.5243,
90.1858

■ 50.1695, 25.2611,
47.6288

■ 84.7880, 81.7625,
98.4300

■ 49.2483, 24.4633,
44.1009

■ 93.4149, 97.0793,
107.2773

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.



52.4814, 40.3322, 107.1493



60.5887, 40.3322, 68.8815



62.2090, 40.3322, 35.7976

Triad

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



60.5887, 40.3322, 68.8815



35.3842, 40.3322, 7.8019



24.5107, 40.3322, 91.2250

Complementary

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



60.5887, 40.3322, 68.8815



50.5408, 78.3760, 47.1175

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.



21.5149, 40.3322, 53.1749



60.5887, 40.3322, 68.8815



26.9900, 40.3322, 12.2701

Square

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



60.5887, 40.3322, 68.8815



46.2742, 40.3322, 8.9230



22.3304, 40.3322, 25.8536



31.3594, 40.3322, 123.6555

Rectangle

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



60.5887, 40.3322, 68.8815



59.1523, 40.3322, 21.5178



22.3304, 40.3322, 25.8536



23.0830, 40.3322, 78.1133

Sweetspot

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



60.5897, 40.3340, 68.8823



81.4599, 75.9035, 94.8635



40.1573, 29.1325, 98.1144



17.1045, 15.6657, 19.9422



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.



60.5897, 40.3340, 68.8823



56.7789, 34.3003, 62.7168



53.7811, 37.6105, 33.0288



18.5444, 18.2011, 21.4842



25.8027, 12.8104, 23.4095



2.5609, 1.2667, 2.5351

Inverse Universe

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



60.5897, 40.3340, 68.8823



56.7789, 34.3003, 62.7168



58.0166, 81.3664, 86.4847



18.5444, 18.2011, 21.4842



25.8027, 12.8104, 23.4095



2.5609, 1.2667, 2.5351

Previews

White Background



This preview shows how the XYZ color 60.5887, 40.3322, 68.8815 looks on a white background.

Color Contrast Check

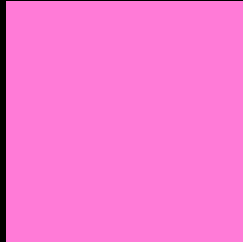
Large Text (above 18pt) WCAG AA × Fail

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 60.5887, 40.3322, 68.8815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

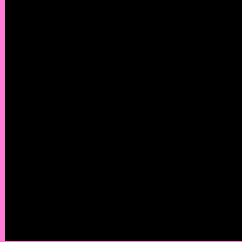
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5887, 40.3322, 68.8815

Background



This preview shows how black text looks on a background with the XYZ color 60.5887, 40.3322, 68.8815.



This preview shows how white text looks on a background with the XYZ color 60.5887, 40.3322,

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

60.5887, 40.3322, 68.8815

Protanopia

42.6031, 40.7741, 95.2473

Deuteranopia

41.5661, 40.6265, 65.3254



Tritanopia

53.1452, 40.2715, 32.9891

Trichromacy



Original Color

60.5887, 40.3322, 68.8815



Protanomaly

46.2815, 38.7612, 85.1631



Deuteranomaly

46.6439, 39.1157, 66.7197



Tritanomaly

55.6176, 40.2628, 43.8699

Monochromacy



Original Color

60.5887, 40.3322, 68.8815



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

45.4270, 39.7700, 52.8591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5887, 40.3322, 68.8815 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, 123, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 215)  
}
```

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, 123, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 215) }
```

Border

The CSS property to change the border of an element to XYZ 60.5887, 40.3322, 68.8815 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, 123, 215) }
```


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

```
.border{ border-color:rgb(255, 123, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5887, 40.3322, 68.8815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 215) }
```

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

```
.background{ background-color: rgb(255,  
123, 215) }
```

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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