

Converting Colors

XYZ(60.9600, 40.8717, 69.6317)

Have a look what the booklet for
XYZ(60.9600, 40.8717, 69.6317)
contains.

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Color

**XYZ(60.9683, 40.8851,
69.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7DD8
RGB	255, 125, 216
RGB Percent	100%, 49%, 85%
CMY	0.0000, 0.5098, 0.1529
CMYK	0.00, 0.51, 0.15, 0.00
HSL	318°, 100%, 75%
HSV	318°, 51%, 100%
XYZ	60.9683, 40.8851, 69.6440
YIQ	174.2440, 48.2690, 55.8610

Conversions

Conversions Part 2

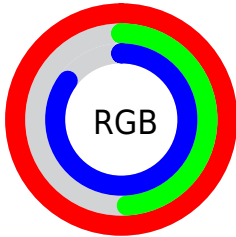
Format	Color
R _Y B	255, 125, 216
Decimal	16743896
CIE Lab	70.10, 60.11, -23.88
CIE LCh	70, 64.682, 338.334
Yxy	40.8851, 0.3555, 0.2384
Android (android.graphics.Color)	4294933976 (0xFFFF7DD8)
YUV	174.2440, 20.5857, 70.8230
Hunter-Lab	63.9415, 58.3025, -19.8187

Details

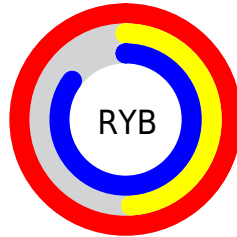
The XYZ color **60.9683, 40.8851, 69.6440** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.9198, 78.5610, 47.6049**, and the grayscale version is **40.2389, 42.3344, 46.1022**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **31.3261, 18.5652, 35.6506** is the 20% darker color. If you saturate the color by 10%, you get **57.1784, 34.8514, 63.6142**, and if you desaturate by 10%, it is **65.6347, 48.5977, 76.1941**.

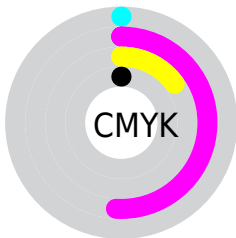
Distribution



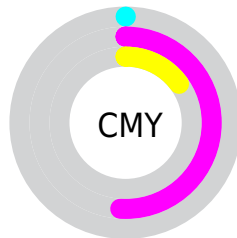
- Red (100%)
- Green (49%)
- Blue (85%)



- Red (100%)
- Yellow (49%)
- Blue (85%)



- Cyan (0%)
- Magenta (51%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (51%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9683, 40.8851, 69.6440 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 60.9683, 40.8851, 69.6440 by changing the saturation by 10% instead.


 60.9683, 40.8851,
69.6440

 60.9683, 40.8851,
69.6440


417.9355,
349.8402, 478.0544


 44.4520, 28.2293,
50.7614


 105.3314, 76.5094,
120.3773

 31.2255, 18.4986,
35.6433


 133.9090,
100.2468, 153.0650

 20.9233, 11.3085,
23.8713


 167.2376,
128.4468, 191.1915

 13.1801, 6.2748,
15.0269

205.6828,
161.4938, 235.1753

 7.6305, 3.0129,
8.6914

249.6098,
199.7723, 285.4349

 3.9092, 1.1385,
4.4464

299.3841,

 1.6509, 0.0106,

243.6665, 342.3890

1.8733

355.3708,
293.5610, 406.4559

■ 0.4253, 0.0000,
0.4757

■ 0.0000, 0.0000,
0.0000

■ 60.9683, 40.8851,
69.6440

■ 60.9683, 40.8851,
69.6440

■ 57.1784, 34.8514,
63.6142

■ 65.6347, 48.5977,
76.1941

■ 54.1966, 30.3614,
58.0775

■ 71.2331, 58.0999,
83.2846

■ 51.9490, 27.2681,
53.0066

■ 77.8178, 69.4991,
90.9370

■ 50.3458, 25.3928,
48.3683

■ 85.4381, 82.8928,
99.1707

■ 49.3259, 24.4944,
44.5099

94.1396, 98.3715,
108.0036

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.



52.8748, 40.8851, 107.5455



60.9683, 40.8851, 69.6440



62.6318, 40.8851, 36.6038

Triad

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



60.9683, 40.8851, 69.6440



35.9887, 40.8851, 8.1947



25.0009, 40.8851, 91.2453

Complementary

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



60.9683, 40.8851, 69.6440



50.9198, 78.5610, 47.6049

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.



22.0229, 40.8851, 53.4955



60.9683, 40.8851, 69.6440



27.5703, 40.8851, 12.6938

Square

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



60.9683, 40.8851, 69.6440



46.8552, 40.8851, 9.3791



22.8697, 40.8851, 26.3028



31.8304, 40.8851, 123.4575

Rectangle

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



60.9683, 40.8851, 69.6440



59.6297, 40.8851, 22.2157



22.8697, 40.8851, 26.3028



23.5783, 40.8851, 78.2419

Sweetspot

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



60.9693, 40.8869, 69.6448



82.2455, 77.2597, 95.7878



40.6953, 29.7820, 98.2114



17.2605, 15.9333, 20.1312



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.



60.9693, 40.8869, 69.6448



57.1708, 34.8397, 63.6013



54.1608, 38.1635, 33.7922



18.5469, 18.2021, 21.4970



25.8430, 12.8265, 23.6216



2.5646, 1.2682, 2.5545

Inverse Universe

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



60.9693, 40.8869, 69.6448



57.1708, 34.8397, 63.6013



58.3615, 81.5377, 86.7921



18.5469, 18.2021, 21.4970



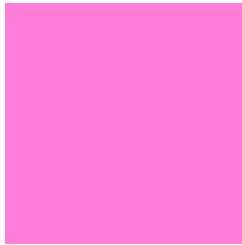
25.8430, 12.8265, 23.6216



2.5646, 1.2682, 2.5545

Previews

White Background



This preview shows how the XYZ color 60.9683, 40.8851, 69.6440 looks on a white background.

Color Contrast Check

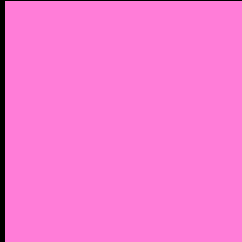
Large Text (above 18pt) WCAG AA × Fail

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 60.9683, 40.8851, 69.6440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

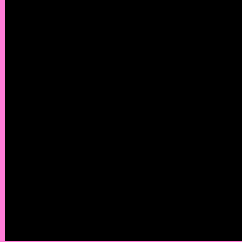
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9683, 40.8851, 69.6440

Background



This preview shows how black text looks on a background with the XYZ color 60.9683, 40.8851, 69.6440.



This preview shows how white text looks on a background with the XYZ color 60.9683, 40.8851,

69.6440.

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

60.9683, 40.8851, 69.6440

Protanopia

43.1409, 41.3265, 95.3256

Deuteranopia

42.0888, 41.1548, 66.0469



Tritanopia

53.5945, 40.9146, 33.9267

Trichromacy



Original Color

60.9683, 40.8851, 69.6440



Protanomaly

46.9270, 39.3360, 85.2400



Deuteranomaly

47.1993, 39.6274, 67.4485



Tritanomaly

56.0876, 40.8932, 44.9814

Monochromacy



Original Color

60.9683, 40.8851, 69.6440



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

45.7024, 40.1476, 53.4846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9683, 40.8851, 69.6440 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, 125, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 216)  
}
```

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, 125, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 216) }
```

Border

The CSS property to change the border of an element to XYZ 60.9683, 40.8851, 69.6440 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, 125, 216) }
```


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

```
.border{ border-color:rgb(255, 125, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9683, 40.8851, 69.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 216) }
```

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

```
.background{ background-color: rgb(255,  
125, 216) }
```

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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