

Converting Colors

XYZ(60.5181, 40.5121, 67.8683)

Have a look what the booklet for
XYZ(60.5181, 40.5121, 67.8683)
contains.

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Color

**XYZ(60.4579, 40.4794,
67.5776)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7CD5
RGB	255, 124, 213
RGB Percent	100%, 49%, 84%
CMY	0.0000, 0.5137, 0.1647
CMYK	0.00, 0.51, 0.16, 0.00
HSL	319°, 100%, 74%
HSV	319°, 51%, 100%
XYZ	60.4579, 40.4794, 67.5776
YIQ	173.3150, 49.5070, 55.4510

Conversions

Conversions Part 2

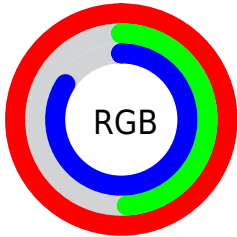
Format	Color
R _Y B	255, 124, 213
Decimal	16743637
CIE _{Lab}	69.81, 60.14, -22.65
CIE _{LCh}	70, 64.262, 339.360
Yxy	40.4794, 0.3588, 0.2402
Android (android.graphics.Color)	4294933717 (0xFFFF7CD5)
YUV	173.3150, 19.5647, 71.6377
Hunter-Lab	63.6234, 58.2779, -18.4385

Details

The XYZ color **60.4579, 40.4794, 67.5776** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.9567, 78.5590, 48.5571**, and the grayscale version is **39.7680, 41.8390, 45.5627**.

A 20% lighter version of the original color is **75.6113, 61.1225, 102.4204**, and **31.0036, 18.3386, 34.2534** is the 20% darker color. If you saturate the color by 10%, you get **56.6536, 34.4899, 61.3181**, and if you desaturate by 10%, it is **65.1425, 48.1455, 74.3897**.

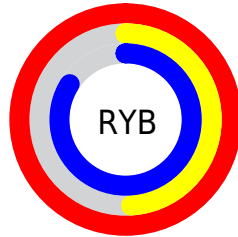
Distribution



Red (100%)

Green (49%)

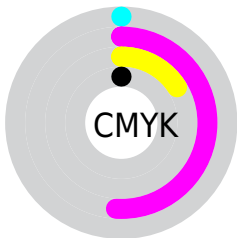
Blue (84%)



Red (100%)

Yellow (49%)

Blue (84%)

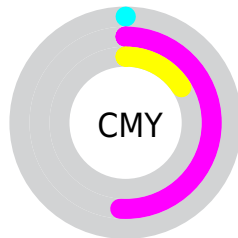


Cyan (0%)

Magenta (51%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4579, 40.4794, 67.5776 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 60.4579, 40.4794, 67.5776 by changing the saturation by 10% instead.


 60.4579, 40.4794,
67.5776

 60.4579, 40.4794,
67.5776


416.0913,
348.1400, 470.5553


 44.0387, 27.9125,
49.0896

 104.5962, 75.8930,
117.3962

 30.8990, 18.2597,
34.3245


 133.0460, 99.5085,
149.5638

 20.6734, 11.1366,
22.8636


 166.2367,
127.5756, 187.1285

 12.9966, 6.1588,
14.2885

204.5337,
160.4788, 230.5086

 7.5032, 2.9419,
8.1805

248.3022,
198.6025, 280.1229

 3.8278, 1.1015,
4.1213

297.9078,

 1.6052, 0.0000,

242.3310, 336.3897

1.6921

353.7157,
292.0487, 399.7277

■ 0.3958, 0.0000,
0.3553

■ 0.0000, 0.0000,
0.0000

■ 60.4579, 40.4794,
67.5776

■ 60.4579, 40.4794,
67.5776

■ 56.6536, 34.4899,
61.3181

■ 65.1425, 48.1455,
74.3897

■ 53.6609, 30.0411,
55.5830

■ 70.7635, 57.5995,
81.7752

■ 51.4051, 26.9851,
50.3441

■ 77.3753, 68.9491,
89.7565

■ 49.7956, 25.1415,
45.5672

■ 85.0274, 82.2922,
98.3535

■ 48.8062, 24.2865,
41.7731

■ 93.7660, 97.7196,
107.5850

■ 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.



52.6454, 40.4794, 105.0632



60.4579, 40.4794, 67.5776



61.8473, 40.4794, 35.3786

Triad

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



60.4579, 40.4794, 67.5776



35.3042, 40.4794, 8.2239



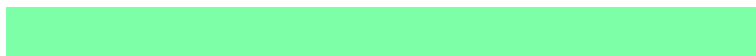
24.9589, 40.4794, 91.4536

Complementary

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



60.4579, 40.4794, 67.5776



50.9567, 78.5590, 48.5571

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.



21.8858, 40.4794, 54.0916



60.4579, 40.4794, 67.5776



27.1063, 40.4794, 12.9130

Square

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



60.4579, 40.4794, 67.5776



45.9850, 40.4794, 9.2153



22.5936, 40.4794, 26.7720



31.8297, 40.4794, 122.6286

Rectangle

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



60.4579, 40.4794, 67.5776



58.7328, 40.4794, 21.4871



22.5936, 40.4794, 26.7720



23.5094, 40.4794, 78.6571

Sweetspot

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



60.4589, 40.4812, 67.5784



82.1263, 77.2121, 95.1602



40.8773, 29.6888, 98.1838



17.2317, 15.9217, 19.9794



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.



60.4589, 40.4812, 67.5784



56.4417, 34.1654, 60.9414



53.7956, 37.8159, 32.4901



18.5303, 18.1954, 21.4098



25.5734, 12.7187, 22.2019



2.5399, 1.2583, 2.4245

Inverse Universe

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



60.4589, 40.4812, 67.5784



56.4417, 34.1654, 60.9414



58.4948, 81.5743, 88.2523



18.5303, 18.1954, 21.4098



25.5734, 12.7187, 22.2019



2.5399, 1.2583, 2.4245

Previews

White Background



This preview shows how the XYZ color 60.4579, 40.4794, 67.5776 looks on a white background.

Color Contrast Check

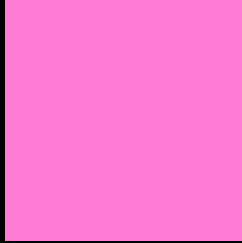
Large Text (above 18pt) WCAG AA × Fail

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 60.4579, 40.4794, 67.5776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

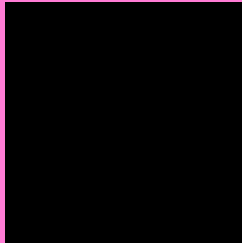
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4579, 40.4794, 67.5776

Background



This preview shows how black text looks on a background with the XYZ color 60.4579, 40.4794, 67.5776.



This preview shows how white text looks on a background with the XYZ color 60.4579, 40.4794,

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

60.4579, 40.4794, 67.5776

Protanopia

42.4912, 40.7701, 92.8187

Deuteranopia

41.5369, 40.6397, 64.0475



Tritanopia

53.1452, 40.2715, 32.9891

Trichromacy



Original Color

60.4579, 40.4794, 67.5776



Protanomaly

46.3292, 38.8361, 82.8962



Deuteranomaly

46.6626, 39.1542, 65.4197



Tritanomaly

55.6176, 40.2628, 43.8699

Monochromacy



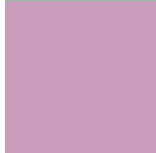
Original Color

60.4579, 40.4794, 67.5776



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 60.4579, 40.4794, 67.5776 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, 124, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 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, 124, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.4579, 40.4794, 67.5776 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, 124, 213) }
```


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

```
.border{ border-color:rgb(255, 124, 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, 124, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4579, 40.4794, 67.5776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 213) }
```

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

```
.background{ background-color: rgb(255,  
124, 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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