

Converting Colors

XYZ(59.9867, 38.7765, 75.8159)

Have a look what the booklet for
XYZ(59.9867, 38.7765, 75.8159)
contains.

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Color

**XYZ(60.0968, 38.8543,
75.5663)**

Conversions

Conversions Part 1

Format	Color
Hex	FC75E1
RGB	252, 117, 225
RGB Percent	99%, 46%, 88%
CMY	0.0118, 0.5411, 0.1176
CMYK	0.00, 0.54, 0.11, 0.01
HSL	312°, 96%, 72%
HSV	312°, 54%, 99%
XYZ	60.0968, 38.8543, 75.5663
YIQ	169.6770, 45.7920, 62.2080

Conversions

Conversions Part 2

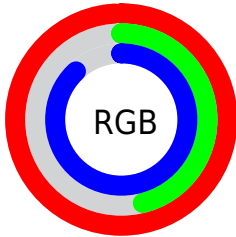
Format	Color
R _Y B	252, 117, 225
Decimal	16545249
CIE Lab	68.65, 64.30, -31.13
CIE LCh	69, 71.437, 334.164
Yxy	38.8543, 0.3444, 0.2226
Android (android.graphics.Color)	4294735329 (0xFFFC75E1)
YUV	169.6770, 27.2742, 72.1973
Hunter-Lab	62.3332, 63.0126, -28.2438

Details

The XYZ color **60.0968, 38.8543, 75.5663** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.1824, 75.4177, 38.4588**, and the grayscale version is **37.9020, 39.8759, 43.4248**.

A 20% lighter version of the original color is **74.4261, 58.7521, 102.0254**, and **30.7177, 17.3300, 39.2621** is the 20% darker color. If you saturate the color by 10%, you get **56.8687, 33.4817, 71.1479**, and if you desaturate by 10%, it is **64.1378, 45.8188, 80.3565**.

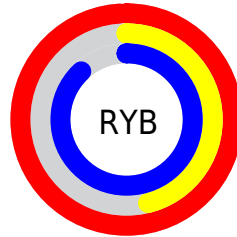
Distribution



Red (99%)

Green (46%)

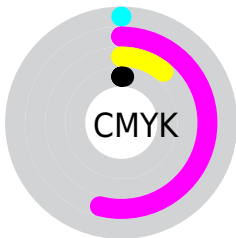
Blue (88%)



Red (99%)

Yellow (46%)

Blue (88%)

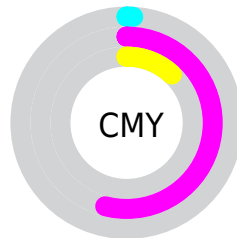


Cyan (0%)

Magenta (54%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (54%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0968, 38.8543, 75.5663 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 60.0968, 38.8543, 75.5663 by changing the saturation by 10% instead.


 60.0968, 38.8543,
75.5663

 60.0968, 38.8543,
75.5663


414.7835,
341.2706, 499.1690


 43.7464, 26.6464,
55.5724

 104.0756, 73.4157,
128.8681

 30.6683, 17.3078,
39.4585


 132.4348, 96.5380,
163.0132

 20.4970, 10.4542,
26.8060


 165.5276,
124.0672, 202.7123

 12.8672, 5.7011,
17.1965

203.7193,
156.3877, 248.3842

 7.4135, 2.6642,
10.2112

247.3755,
193.8839, 300.4472

 3.7706, 0.9591,
5.4318

296.8613,

 1.5732, 0.0000,

236.9402, 359.3200

2.4396

352.5422,
285.9410, 425.4211

■ 0.3749, 0.0000,
0.8079

■ 0.0000, 0.0000,
0.0000

■ 60.0968, 38.8543,
75.5663

■ 60.0968, 38.8543,
75.5663

■ 56.8687, 33.4817,
71.1479

■ 64.1378, 45.8188,
80.3565

■ 54.3846, 29.5655,
67.0764

■ 69.0459, 54.4854,
85.5365

■ 52.5702, 26.9569,
63.3266

■ 74.8748, 64.9607,
91.1252

■ 51.3337, 25.4724,
59.8670

■ 81.6729, 77.3411,
97.1396

■ 50.7584, 24.9409,
57.7666

■ 89.4852, 91.7162,
103.5955

■ 93.9553, 99.4357,
108.8488

Harmonies

Analogous

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



50.5000, 38.8543, 117.3419



60.0968, 38.8543, 75.5663



63.0650, 38.8543, 37.9533

Triad

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



60.0968, 38.8543, 75.5663



35.3771, 38.8543, 5.6714



21.7316, 38.8543, 87.6616

Complementary

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



60.0968, 38.8543, 75.5663



47.1824, 75.4177, 38.4588

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.



19.2446, 38.8543, 46.9788



60.0968, 38.8543, 75.5663



26.0385, 38.8543, 8.9103

Square

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



60.0968, 38.8543, 75.5663



47.2130, 38.8543, 7.4070



20.6443, 38.8543, 20.5963



28.2600, 38.8543, 126.4739

Rectangle

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



60.0968, 38.8543, 75.5663



60.4678, 38.8543, 21.6302



20.6443, 38.8543, 20.5963



20.4632, 38.8543, 73.1726

Sweetspot

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



60.0981, 38.8561, 75.5671



82.1010, 76.1599, 98.2390



35.4356, 25.6824, 95.1859



17.2583, 15.7272, 20.7518



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.



60.0981, 38.8561, 75.5671



58.2827, 34.1728, 72.8833



52.6364, 35.8715, 36.2745



17.8355, 17.4616, 20.9895



26.4944, 13.0135, 30.3756



2.4903, 1.2199, 3.0054

Inverse Universe

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



60.0981, 38.8561, 75.5671



58.2827, 34.1728, 72.8833



53.9688, 78.1323, 74.1957



17.8355, 17.4616, 20.9895



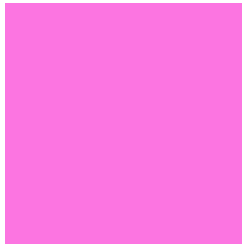
26.4944, 13.0135, 30.3756



2.4903, 1.2199, 3.0054

Previews

White Background



This preview shows how the XYZ color 60.0968, 38.8543, 75.5663 looks on a white background.

Color Contrast Check

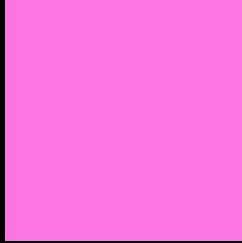
Large Text (above 18pt) WCAG AA × Fail

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 60.0968, 38.8543, 75.5663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

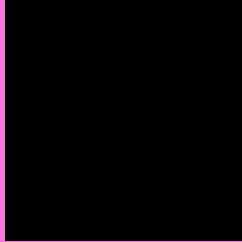
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0968, 38.8543, 75.5663

Background



This preview shows how black text looks on a background with the XYZ color 60.0968, 38.8543, 75.5663.



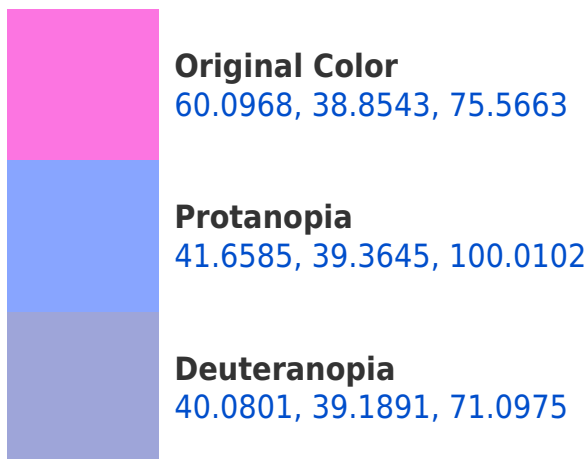
This preview shows how white text looks on a background with the XYZ color 60.0968, 38.8543,

75.5663.

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

50.9546, 38.7383, 31.9858

Trichromacy



Original Color

60.0968, 38.8543, 75.5663



Protanomaly

45.2791, 37.1764, 90.3773



Deuteranomaly

45.2464, 37.5536, 72.5740



Tritanomaly

53.5942, 38.3885, 45.1424

Monochromacy



Original Color

60.0968, 38.8543, 75.5663



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

44.1803, 38.1303, 53.7465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0968, 38.8543, 75.5663 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(252, 117, 225)` looks like.

```
.text, #text, p{  
    color:rgb(252, 117, 225)  
}
```

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(252, 117, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 117, 225) }
```

Border

The CSS property to change the border of an element to XYZ 60.0968, 38.8543, 75.5663 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(252, 117, 225) }
```


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

```
.border{ border-color:rgb(252, 117, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 117, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 117, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 117, 225);  
box-shadow:4px 4px 4px 4px rgb(252, 117,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0968, 38.8543, 75.5663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 117, 225) }
```

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

```
.background{ background-color: rgb(252,  
117, 225) }
```

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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