

Converting Colors

XYZ(65.7443, 40.7494, 75.2885)

Have a look what the booklet for
XYZ(65.7443, 40.7494, 75.2885)
contains.

XYZ(60.5150, 38.0651, 75.3920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.5150, 38.0651,
75.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6FE1
RGB	255, 111, 225
RGB Percent	100%, 44%, 88%
CMY	0.0000, 0.5647, 0.1176
CMYK	0.00, 0.56, 0.12, 0.00
HSL	313°, 100%, 72%
HSV	313°, 56%, 100%
XYZ	60.5150, 38.0651, 75.3920
YIQ	167.0520, 49.2300, 65.9820

Conversions

Conversions Part 2

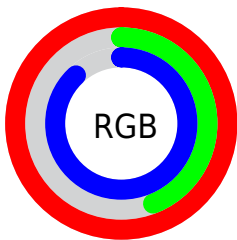
Format	Color
R_{YB}	255, 111, 225
Decimal	16740321
CIE _{Lab}	68.07, 67.78, -31.99
CIE _{LCh}	68, 74.948, 334.733
Yxy	38.0651, 0.3478, 0.2188
Android (android.graphics.Color)	4294930401 (0xFFFF6FE1)
YUV	167.0520, 28.5684, 77.1304
Hunter-Lab	61.6969, 67.1109, -29.2630

Details

The XYZ color **60.5150, 38.0651, 75.3920** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.1247, 76.8233, 37.5465**, and the grayscale version is **36.6058, 38.5121, 41.9397**.

A 20% lighter version of the original color is **73.2926, 56.4853, 101.6475**, and **30.8509, 16.8343, 39.1594** is the 20% darker color. If you saturate the color by 10%, you get **57.4056, 32.9880, 70.8354**, and if you desaturate by 10%, it is **64.4428, 44.7423, 80.3335**.

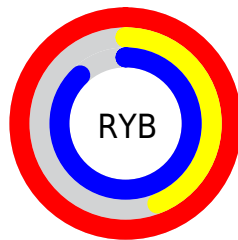
Distribution



Red (100%)

Green (44%)

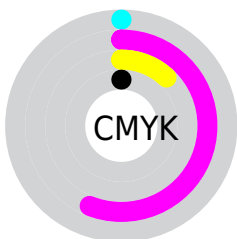
Blue (88%)



Red (100%)

Yellow (44%)

Blue (88%)

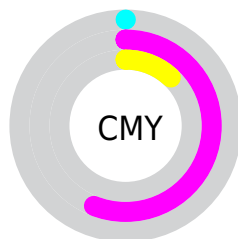


Cyan (0%)

Magenta (56%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5150, 38.0651, 75.3920 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 60.5150, 38.0651, 75.3920 by changing the saturation by 10% instead.


 60.5150, 38.0651,
75.3920


 60.5150, 38.0651,
75.3920


416.2978,
337.8991, 498.5552


 44.0849, 26.0332,
55.4304


 104.6785, 72.2079,
128.6193

 30.9355, 16.8485,
39.3455


 133.1426, 95.0876,
162.7221

 20.7013, 10.1265,
26.7187


 166.3488,
122.3521, 202.3757

 13.0171, 5.4829,
17.1315

204.6623,
154.3857, 247.9987

 7.5174, 2.5333,
10.1654

248.4487,
191.5728, 300.0096

 3.8369, 0.8933,
5.4017

298.0731,

 1.6103, 0.0000,

234.2978, 358.8270

2.4220

353.9011,
282.9451, 424.8693

■ 0.3991, 0.0000,
0.7984

■ 0.0000, 0.0000,
0.0000

■ 60.5150, 38.0651,
75.3920

■ 60.5150, 38.0651,
75.3920

■ 57.4056, 32.9880,
70.8354

■ 64.4428, 44.7423,
80.3335

■ 55.0419, 29.3667,
66.6373

■ 69.2476, 53.1376,
85.6791

■ 53.3430, 27.0398,
62.7701

■ 74.9861, 63.3635,
91.4492

■ 52.2069, 25.8032,
59.1986

■ 81.7092, 75.5214,
97.6617

■ 51.8857, 25.5183,
57.9895

■ 89.4641, 89.7055,
104.3332

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.



50.5365, 38.0651, 119.9166



60.5150, 38.0651, 75.3920



63.4808, 38.0651, 36.3651

Triad

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



60.5150, 38.0651, 75.3920



34.3590, 38.0651, 4.7193



20.6888, 38.0651, 89.9280

Complementary

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



60.5150, 38.0651, 75.3920



47.1247, 76.8233, 37.5465

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.



18.1018, 38.0651, 46.9803



60.5150, 38.0651, 75.3920



24.8374, 38.0651, 7.8817

Square

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



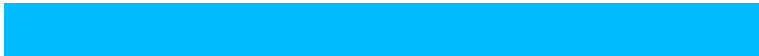
60.5150, 38.0651, 75.3920



46.6329, 38.0651, 6.2545



19.4389, 38.0651, 19.6148



27.4185, 38.0651, 131.0127

Rectangle

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



60.5150, 38.0651, 75.3920



60.6399, 38.0651, 19.9470



19.4389, 38.0651, 19.6148



19.3804, 38.0651, 74.5842

Sweetspot

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



60.5159, 38.0667, 75.3927



81.3258, 74.8240, 97.3196



34.5178, 24.1491, 97.4497



17.1029, 15.4630, 20.5565



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.



60.5159, 38.0667, 75.3927



56.9968, 32.3423, 70.1695



52.7751, 34.9704, 34.6299



18.6210, 18.2317, 21.8874



27.1677, 13.3564, 30.5971



2.6840, 1.3160, 3.1834

Inverse Universe

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



60.5159, 38.0667, 75.3927



56.9968, 32.3423, 70.1695



54.1752, 79.6435, 74.6740



18.6210, 18.2317, 21.8874



27.1677, 13.3564, 30.5971



2.6840, 1.3160, 3.1834

Previews

White Background



This preview shows how the XYZ color 60.5150, 38.0651, 75.3920 looks on a white background.

Color Contrast Check

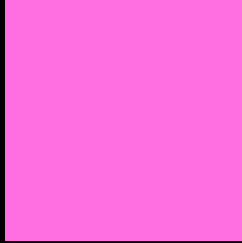
Large Text (above 18pt) WCAG AA × Fail

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 60.5150, 38.0651, 75.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

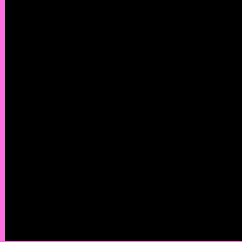
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5150, 38.0651, 75.3920

Background



This preview shows how black text looks on a background with the XYZ color 60.5150, 38.0651, 75.3920.



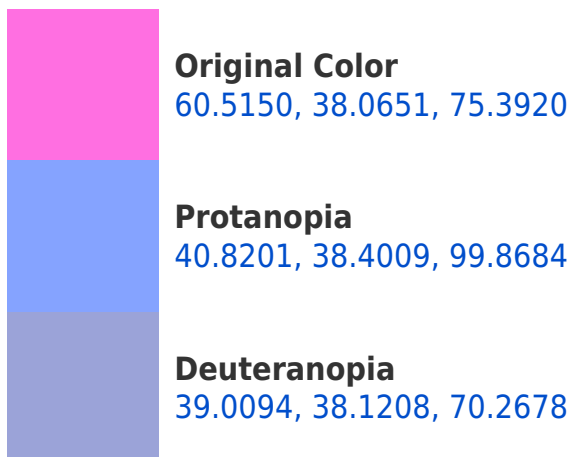
This preview shows how white text looks on a background with the XYZ color 60.5150, 38.0651,

75.3920.

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

51.0650, 38.0184, 29.8462

Trichromacy



Original Color

60.5150, 38.0651, 75.3920



Protanomaly

44.4339, 35.8253, 90.1610



Deuteranomaly

44.2453, 36.1374, 71.6611



Tritanomaly

53.7210, 37.5336, 43.4430

Monochromacy



Original Color

60.5150, 38.0651, 75.3920



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

43.0640, 36.6404, 52.3795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5150, 38.0651, 75.3920 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, 111, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 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(255, 111, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 225) }
```

Border

The CSS property to change the border of an element to XYZ 60.5150, 38.0651, 75.3920 is called "border". The border property can be set on classes, ids or directly on the HTML element.

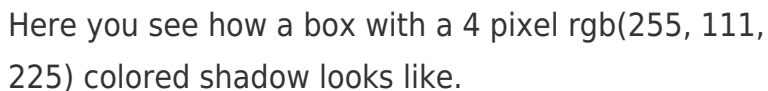
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 111, 225) }
```


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

```
.border{ border-color:rgb(255, 111, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 111, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 111, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 111, 225); box-shadow:4px 4px 4px 4px rgb(255, 111, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5150, 38.0651, 75.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 225) }
```

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

```
.background{ background-color: rgb(255,  
111, 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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