

Converting Colors

XYZ(75.1374, 49.0735, 65.0245)

Have a look what the booklet for
XYZ(75.1374, 49.0735, 65.0245)
contains.

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Color

**XYZ(60.4754, 41.5146,
64.5002)**

Conversions

Conversions Part 1

Format	Color
Hex	FF81D0
RGB	255, 129, 208
RGB Percent	100%, 51%, 82%
CMY	0.0000, 0.4941, 0.1843
CMYK	0.00, 0.49, 0.18, 0.00
HSL	322°, 100%, 75%
HSV	322°, 49%, 100%
XYZ	60.4754, 41.5146, 64.5002
YIQ	175.6800, 49.7370, 51.2810

Conversions

Conversions Part 2

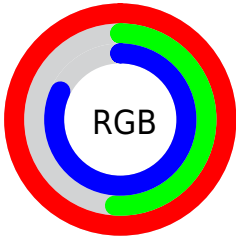
Format	Color
R _{YB}	255, 129, 208
Decimal	16744912
CIE _{Lab}	70.53, 57.05, -18.77
CIE _{LCh}	71, 60.061, 341.788
Yxy	41.5146, 0.3632, 0.2494
Android (android.graphics.Color)	4294934992 (0xFFFF81D0)
YUV	175.6800, 15.9338, 69.5636
Hunter-Lab	64.4318, 54.7835, -14.2506

Details

The XYZ color **60.4754, 41.5146, 64.5002** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **52.6514, 79.3225, 53.6134**, and the grayscale version is **41.0032, 43.1386, 46.9779**.

A 20% lighter version of the original color is **76.6390, 63.1779, 102.7630**, and **31.0465, 18.9664, 32.5964** is the 20% darker color. If you saturate the color by 10%, you get **56.3903, 35.1615, 57.5367**, and if you desaturate by 10%, it is **65.4707, 49.5754, 72.1144**.

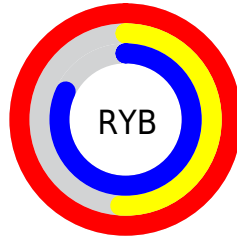
Distribution



Red (100%)

Green (51%)

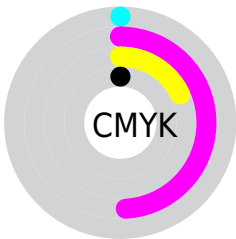
Blue (82%)



Red (100%)

Yellow (51%)

Blue (82%)

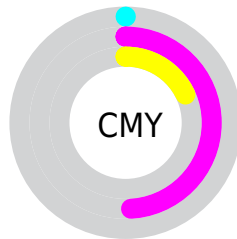


Cyan (0%)

Magenta (49%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4754, 41.5146, 64.5002 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 60.4754, 41.5146, 64.5002 by changing the saturation by 10% instead.


 60.4754, 41.5146,
64.5002

 60.4754, 41.5146,
64.5002


416.1546,
352.4668, 459.2507


 44.0529, 28.7214,
46.6072

 104.6214, 77.4645,
112.9374

 30.9102, 18.8702,
32.3731


 133.0756,
101.3899, 144.3186

 20.6819, 11.5765,
21.3795


 166.2710,
129.7949, 181.0329

 13.0028, 6.4560,
13.2077

204.5731,
163.0638, 223.4990

 7.5075, 3.1243,
7.4393

248.3471,
201.5811, 272.1352

 3.8306, 1.1970,
3.6558

297.9585,

 1.6068, 0.0592,

245.7311, 327.3602

1.4385

353.7725,
295.8982, 389.5925

■ 0.3968, 0.0000,
0.1714

■ 0.0000, 0.0000,
0.0000

■ 60.4754, 41.5146,
64.5002

■ 60.4754, 41.5146,
64.5002

■ 56.3903, 35.1615,
57.5367

■ 65.4707, 49.5754,
72.1144

■ 53.1476, 30.3829,
51.1938

■ 71.4313, 59.4528,
80.4021

■ 50.6744, 27.0350,
45.4416

■ 78.4114, 71.2531,
89.3875

■ 48.8832, 24.9446,
40.2446

■ 86.4601, 85.0727,
99.0927

■ 47.6400, 23.8462, 95.0500, 100.0000,
35.5514 108.9000

■ 47.5744, 23.7938,
35.2866

Harmonies

Analogous

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



53.5719, 41.5146, 99.3450



60.4754, 41.5146, 64.5002



61.2133, 41.5146, 34.9423

Triad

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



60.4754, 41.5146, 64.5002



35.6911, 41.5146, 10.0561



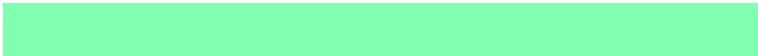
26.8841, 41.5146, 92.2105

Complementary

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



60.4754, 41.5146, 64.5002



52.6514, 79.3225, 53.6134

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.



23.5859, 41.5146, 57.2967



60.4754, 41.5146, 64.5002



28.0707, 41.5146, 15.4941

Square

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



60.4754, 41.5146, 64.5002



45.7205, 41.5146, 10.6487



23.9803, 41.5146, 30.1976



33.7959, 41.5146, 119.4140

Rectangle

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



60.4754, 41.5146, 64.5002



57.9792, 41.5146, 22.1128



23.9803, 41.5146, 30.1976



25.3727, 41.5146, 80.4880

Sweetspot

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



60.4764, 41.5165, 64.5010



81.8256, 77.0918, 93.5765



43.6263, 32.0600, 98.4966



17.1590, 15.8927, 19.5968



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.



60.4764, 41.5165, 64.5010



56.5404, 35.3896, 57.8091



54.2644, 39.0317, 31.7889



18.4885, 18.1787, 21.1893



24.9334, 12.4626, 18.8314



2.4806, 1.2346, 2.1123

Inverse Universe

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



60.4764, 41.5165, 64.5010



56.5404, 35.3896, 57.8091



60.2765, 82.3725, 93.7664



18.4885, 18.1787, 21.1893



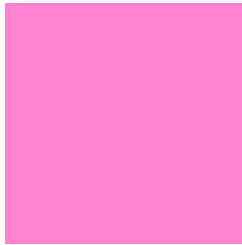
24.9334, 12.4626, 18.8314



2.4806, 1.2346, 2.1123

Previews

White Background



This preview shows how the XYZ color 60.4754, 41.5146, 64.5002 looks on a white background.

Color Contrast Check

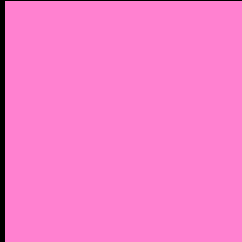
Large Text (above 18pt) WCAG AA × Fail

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 60.4754, 41.5146, 64.5002 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 60.4754, 41.5146, 64.5002

Background



This preview shows how black text looks on a background with the XYZ color 60.4754, 41.5146, 64.5002.



This preview shows how white text looks on a background with the XYZ color 60.4754, 41.5146,

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

60.4754, 41.5146, 64.5002

Protanopia

43.1324, 42.0712, 86.7361

Deuteranopia

42.6351, 41.8231, 61.0839



Tritanopia

54.1777, 41.4239, 34.4183

Trichromacy



Original Color

60.4754, 41.5146, 64.5002



Protanomaly

46.9888, 40.2701, 77.9694



Deuteranomaly

47.6315, 40.4500, 62.4239



Tritanomaly

56.1757, 41.3791, 44.0559

Monochromacy



Original Color

60.4754, 41.5146, 64.5002



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.6521, 41.4063, 53.1103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4754, 41.5146, 64.5002 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, 129, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 208)  
}
```

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, 129, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 208) }
```

Border

The CSS property to change the border of an element to XYZ 60.4754, 41.5146, 64.5002 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, 129, 208) }
```


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

```
.border{ border-color:rgb(255, 129, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4754, 41.5146, 64.5002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 208) }
```

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

```
.background{ background-color: rgb(255,  
129, 208) }
```

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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