

Converting Colors

XYZ(75.0891, 56.7913, 69.7843)

Have a look what the booklet for
XYZ(75.0891, 56.7913, 69.7843)
contains.

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Color

**XYZ(66.3474, 52.2585,
69.5408)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3D5
RGB	255, 163, 213
RGB Percent	100%, 64%, 84%
CMY	0.0000, 0.3608, 0.1647
CMYK	0.00, 0.36, 0.16, 0.00
HSL	327°, 100%, 82%
HSV	327°, 36%, 100%
XYZ	66.3474, 52.2585, 69.5408
YIQ	196.2080, 38.7820, 35.0540

Conversions

Conversions Part 2

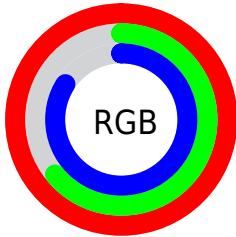
Format	Color
R_{YB}	255, 163, 213
Decimal	16753621
CIE _{Lab}	77.44, 40.80, -11.14
CIE _{LCh}	77, 42.295, 344.728
Yxy	52.2585, 0.3526, 0.2778
Android (android.graphics.Color)	4294943701 (0xFFFFA3D5)
YUV	196.2080, 8.2785, 51.5606
Hunter-Lab	72.2900, 37.3187, -6.4321

Details

The XYZ color **66.3474, 52.2585, 69.5408** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.8857, 83.7152, 70.6580**, and the grayscale version is **52.5310, 55.2667, 60.1854**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **34.7734, 25.4908, 35.4352** is the 20% darker color. If you saturate the color by 10%, you get **60.8427, 43.5296, 60.6754**, and if you desaturate by 10%, it is **72.8735, 62.8600, 79.2713**.

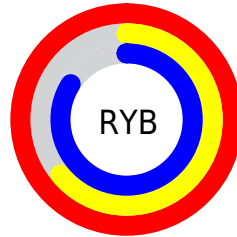
Distribution



Red (100%)

Green (64%)

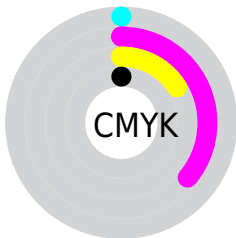
Blue (84%)



Red (100%)

Yellow (64%)

Blue (84%)

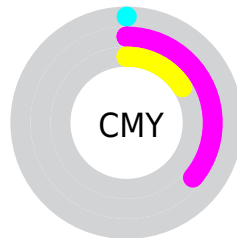


Cyan (0%)

Magenta (36%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3474, 52.2585, 69.5408 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 66.3474, 52.2585, 69.5408 by changing the saturation by 10% instead.


 66.3474, 52.2585,
69.5408


 66.3474, 52.2585,
69.5408


437.0874,
395.4338, 477.6815

 48.8232, 37.2112,
50.6778

 113.0398, 93.5124,
120.2286

 34.6932, 25.3710,
35.5773


 142.9387,
120.4877, 152.8905

 23.5921, 16.3537,
23.8208


177.6932,
152.2078, 190.9891

 15.1544, 9.7748,
14.9898

217.6686,
189.0570, 234.9430

 9.0148, 5.2499,
8.6657

263.2304,
231.4199, 285.1706

 4.8080, 2.3946,
4.4299

314.7439,

 2.1687, 0.8231,

279.6807, 342.0905

1.8640

372.5744,
334.2238, 406.1213

■ 0.7261, 0.0000,
0.4697

■ 0.0000, 0.0000,
0.0000

■ 66.3474, 52.2585,
69.5408

■ 66.3474, 52.2585,
69.5408

■ 60.8427, 43.5296,
60.6754

■ 72.8735, 62.8600,
79.2713

■ 56.2983, 36.5551,
52.6420

■ 80.4699, 75.4291,
89.8920

■ 52.6518, 31.2141,
45.4091

■ 89.1868, 90.0627,
101.4304

■ 49.8319, 27.3673,
38.9413

95.0500, 100.0000,
108.9000

■ 47.7550, 24.8516,
33.1986

■ 46.3179, 23.4649,
28.1342

■ 45.8697, 23.1119,
26.3096

Harmonies

Analogous

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



61.5168, 52.2585, 95.0497



66.3474, 52.2585, 69.5408



66.3941, 52.2585, 46.2504

Triad

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



66.3474, 52.2585, 69.5408



45.7970, 52.2585, 23.6305



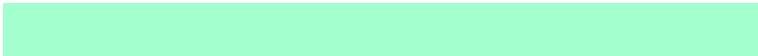
39.3612, 52.2585, 94.6266

Complementary

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



66.3474, 52.2585, 69.5408



61.8857, 83.7152, 70.6580

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.



36.0206, 52.2585, 69.0719



66.3474, 52.2585, 69.5408



39.4513, 52.2585, 30.6299

Square

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



66.3474, 52.2585, 69.5408



53.9072, 52.2585, 23.6919



36.0517, 52.2585, 45.8932



45.6611, 52.2585, 112.0097

Rectangle

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



66.3474, 52.2585, 69.5408



63.6734, 52.2585, 34.9975



36.0517, 52.2585, 45.8932



37.8870, 52.2585, 86.4411

Sweetspot

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



66.3487, 52.2608, 69.5418



84.7516, 82.5933, 95.6324



56.1609, 46.3111, 100.5867



17.8894, 17.2575, 20.1361



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.



66.3487, 52.2608, 69.5418



62.4312, 46.0228, 63.3125



61.3696, 50.2692, 43.3221



18.4223, 18.1522, 20.8410



24.0442, 12.1070, 14.1493



2.3963, 1.2009, 1.6681

Inverse Universe

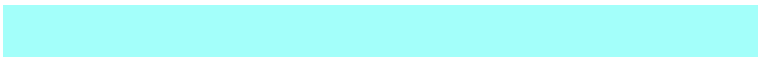
The Inverse Universe completely reimagines the original color for something new.



66.3487, 52.2608, 69.5418



62.4312, 46.0228, 63.3125



68.1837, 86.2345, 103.8232



18.4223, 18.1522, 20.8410



24.0442, 12.1070, 14.1493



2.3963, 1.2009, 1.6681

Previews

White Background



This preview shows how the XYZ color 66.3474, 52.2585, 69.5408 looks on a white background.

Color Contrast Check

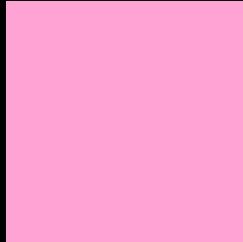
Large Text (above 18pt) WCAG AA × Fail

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 66.3474, 52.2585, 69.5408 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 66.3474, 52.2585, 69.5408

Background



This preview shows how black text looks on a background with the XYZ color 66.3474, 52.2585, 69.5408.



This preview shows how white text looks on a background with the XYZ color 66.3474, 52.2585,

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

66.3474, 52.2585, 69.5408

Protanopia

52.3657, 52.6637, 83.0064

Deuteranopia

53.4247, 52.2778, 67.5964



Tritanopia

62.4151, 52.2626, 51.0540

Trichromacy



Original Color

66.3474, 52.2585, 69.5408



Protanomaly

56.0703, 51.5796, 77.5217



Deuteranomaly

57.3720, 51.8661, 67.9601



Tritanomaly

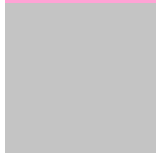
63.5892, 52.1831, 57.1729

Monochromacy



Original Color

66.3474, 52.2585, 69.5408



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.4164, 53.2970, 63.1910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3474, 52.2585, 69.5408 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, 163, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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, 163, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 213) }
```

Border

The CSS property to change the border of an element to XYZ 66.3474, 52.2585, 69.5408 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, 163, 213) }
```


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

```
.border{ border-color:rgb(255, 163, 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, 163, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3474, 52.2585, 69.5408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 213) }
```

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

```
.background{ background-color: rgb(255,  
163, 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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