

Converting Colors

XYZ(66.1254, 52.0662, 68.6994)

Have a look what the booklet for
XYZ(66.1254, 52.0662, 68.6994)
contains.

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Color

**XYZ(66.2209, 52.2079,
68.8743)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3D4
RGB	255, 163, 212
RGB Percent	100%, 64%, 83%
CMY	0.0000, 0.3608, 0.1686
CMYK	0.00, 0.36, 0.17, 0.00
HSL	328°, 100%, 82%
HSV	328°, 36%, 100%
XYZ	66.2209, 52.2079, 68.8743
YIQ	196.0940, 39.1030, 34.7430

Conversions

Conversions Part 2

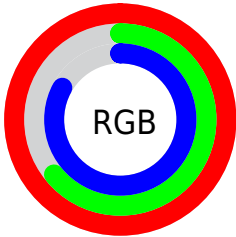
Format	Color
R _Y B	255, 163, 212
Decimal	16753620
CIE Lab	77.40, 40.65, -10.64
CIE LCh	77, 42.019, 345.331
Yxy	52.2079, 0.3535, 0.2787
Android (android.graphics.Color)	4294943700 (0xFFFFA3D4)
YUV	196.0940, 7.8417, 51.6606
Hunter-Lab	72.2550, 37.1469, -5.9374

Details

The XYZ color **66.2209, 52.2079, 68.8743** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.0068, 83.7637, 71.2958**, and the grayscale version is **52.4650, 55.1973, 60.1098**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **34.6877, 25.4565, 34.9836** is the 20% darker color. If you saturate the color by 10%, you get **60.6927, 43.4696, 59.8855**, and if you desaturate by 10%, it is **72.7753, 62.8207, 78.7541**.

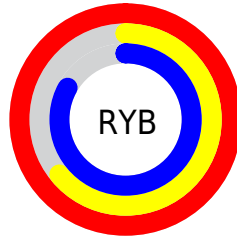
Distribution



Red (100%)

Green (64%)

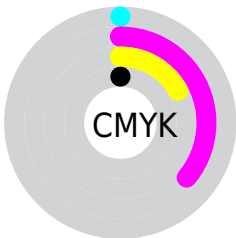
Blue (83%)



Red (100%)

Yellow (64%)

Blue (83%)

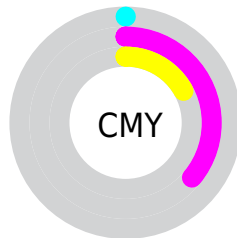


Cyan (0%)

Magenta (36%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2209, 52.2079, 68.8743 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 66.2209, 52.2079, 68.8743 by changing the saturation by 10% instead.


 66.2209, 52.2079,
68.8743


 66.2209, 52.2079,
68.8743


436.6427,
395.2387, 475.2694

 48.7201, 37.1708,
50.1382


 112.8593, 93.4378,
119.2680

 34.6111, 25.3398,
35.1513


 142.7276,
120.3994, 151.7628

 23.5286, 16.3304,
23.4950


177.4492,
152.1046, 189.6808

 15.1071, 9.7582,
14.7507

217.3893,
188.9378, 233.4407

 8.9814, 5.2390,
8.4999

262.9133,
231.2834, 283.4610

 4.7861, 2.3881,
4.3241

314.3867,

 2.1558, 0.8198,

279.5258, 340.1601

1.8048

372.1747,
334.0495, 403.9568

■ 0.7193, 0.0000,
0.4311

■ 0.0000, 0.0000,
0.0000

■ 66.2209, 52.2079,
68.8743

■ 66.2209, 52.2079,
68.8743

■ 60.6927, 43.4696,
59.8855

■ 72.7753, 62.8207,
78.7541

■ 56.1296, 36.4876,
51.7536

■ 80.4051, 75.4031,
89.5508

■ 52.4690, 31.1410,
44.4464

■ 89.1607, 90.0522,
101.2928

■ 49.6393, 27.2903,
37.9273

95.0500, 100.0000,
108.9000

■ 47.5569, 24.7724,
32.1554

■ 46.1182, 23.3851,
27.0827

■ 45.6704, 23.0322,
25.2603

Harmonies

Analogous

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



61.5118, 52.2079, 94.2152



66.2209, 52.2079, 68.8743



66.1646, 52.2079, 45.8739

Triad

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



66.2209, 52.2079, 68.8743



45.6265, 52.2079, 23.8255



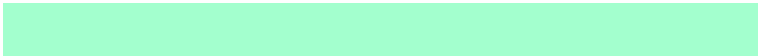
39.4814, 52.2079, 94.7252

Complementary

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



66.2209, 52.2079, 68.8743



62.0068, 83.7637, 71.2958

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.



36.0958, 52.2079, 69.4403



66.2209, 52.2079, 68.8743



39.3725, 52.2079, 30.9515

Square

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



66.2209, 52.2079, 68.8743



53.6614, 52.2079, 23.7510



36.0582, 52.2079, 46.3058



45.7907, 52.2079, 111.6705

Rectangle

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



66.2209, 52.2079, 68.8743



63.4071, 52.2079, 34.8009



36.0582, 52.2079, 46.3058



37.9954, 52.2079, 86.6554

Sweetspot

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



66.2221, 52.2102, 68.8753



84.7058, 82.5750, 95.3912



56.5844, 46.5294, 100.6065



17.8785, 17.2531, 20.0786



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.



66.2221, 52.2102, 68.8753



62.2879, 45.9655, 62.5579



61.2279, 50.2125, 42.5764



18.4138, 18.1488, 20.7960



23.9400, 12.0653, 13.6004



2.3862, 1.1968, 1.6150

Inverse Universe

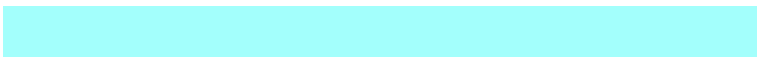
The Inverse Universe completely reimagines the original color for something new.



66.2221, 52.2102, 68.8753



62.2879, 45.9655, 62.5579



68.4257, 86.3313, 105.0974



18.4138, 18.1488, 20.7960



23.9400, 12.0653, 13.6004



2.3862, 1.1968, 1.6150

Previews

White Background



This preview shows how the XYZ color 66.2209, 52.2079, 68.8743 looks on a white background.

Color Contrast Check

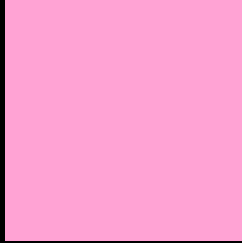
Large Text (above 18pt) WCAG AA × Fail

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 66.2209, 52.2079, 68.8743 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 66.2209, 52.2079, 68.8743

Background



This preview shows how black text looks on a background with the XYZ color 66.2209, 52.2079, 68.8743.



This preview shows how white text looks on a background with the XYZ color 66.2209, 52.2079,

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

66.2209, 52.2079, 68.8743

Protanopia

52.2248, 52.6074, 82.2646

Deuteranopia

53.5727, 52.3684, 66.9590



Tritanopia

62.6733, 52.4076, 50.5285

Trichromacy



Original Color

66.2209, 52.2079, 68.8743



Protanomaly

55.9350, 51.5255, 76.8094



Deuteranomaly

57.5532, 51.9738, 67.3202



Tritanomaly

63.8412, 52.3259, 56.6043

Monochromacy



Original Color

66.2209, 52.2079, 68.8743



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 66.2209, 52.2079, 68.8743 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 212) }
```

Border

The CSS property to change the border of an element to XYZ 66.2209, 52.2079, 68.8743 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, 212) }
```


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

```
.border{ border-color:rgb(255, 163, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2209, 52.2079, 68.8743 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
163, 212) }
```

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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