

Converting Colors

XYZ(70.0538, 54.7666, 70.0957)

Have a look what the booklet for
XYZ(70.0538, 54.7666, 70.0957)
contains.

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Color

**XYZ(66.7054, 52.9744,
69.6601)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5D5
RGB	255, 165, 213
RGB Percent	100%, 65%, 84%
CMY	0.0000, 0.3529, 0.1647
CMYK	0.00, 0.35, 0.16, 0.00
HSL	328°, 100%, 82%
HSV	328°, 35%, 100%
XYZ	66.7054, 52.9744, 69.6601
YIQ	197.3820, 38.2320, 34.0080

Conversions

Conversions Part 2

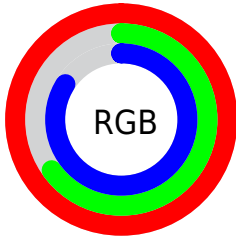
Format	Color
R _Y B	255, 165, 213
Decimal	16754133
CIE Lab	77.86, 39.77, -10.51
CIE LCh	78, 41.131, 345.200
Yxy	52.9744, 0.3523, 0.2798
Android (android.graphics.Color)	4294944213 (0xFFFFA5D5)
YUV	197.3820, 7.6997, 50.5310
Hunter-Lab	72.7835, 36.2224, -5.7972

Details

The XYZ color **66.7054, 52.9744, 69.6601** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.5415, 84.0253, 71.9571**, and the grayscale version is **53.2417, 56.0145, 60.9997**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **34.9917, 25.9273, 35.5080** is the 20% darker color. If you saturate the color by 10%, you get **61.1005, 44.0940, 60.6110**, and if you desaturate by 10%, it is **73.3405, 63.7375, 79.6009**.

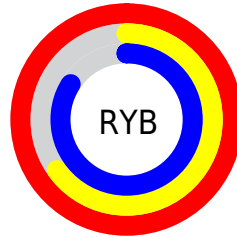
Distribution



Red (100%)

Green (65%)

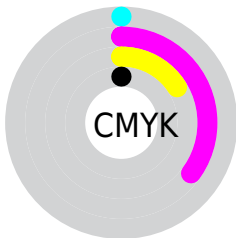
Blue (84%)



Red (100%)

Yellow (65%)

Blue (84%)

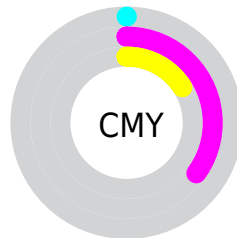


Cyan (0%)

Magenta (35%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7054, 52.9744, 69.6601 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 66.7054, 52.9744, 69.6601 by changing the saturation by 10% instead.

 66.7054, 52.9744,
69.6601


 66.7054, 52.9744,
69.6601


438.3444,
398.1869, 478.1125

 49.1151, 37.7823,
50.7744


 113.5503, 94.5667,
120.4005

 34.9257, 25.8138,
35.6536


 143.5356,
121.7357, 153.0922

 23.7719, 16.6844,
23.8792


178.3832,
153.6658, 191.2230

 15.2883, 10.0097,
15.0327

218.4586,
190.7415, 235.2115

 9.1096, 5.4054,
8.6954

264.1271,
233.3470, 285.4761

 4.8704, 2.4870,
4.4490


315.7539,


 2.2054, 0.8701,


281.8668, 342.4355


1.8747


373.7046,
336.6853, 406.5081


 0.7456, 0.0000,
0.4766

 0.0000, 0.0000,
0.0000


 66.7054, 52.9744,
69.6601


 66.7054, 52.9744,
69.6601


 61.1005, 44.0940,
60.6110


 73.3405, 63.7375,
79.6009

 56.4651, 36.9789,
52.4196

 81.0546, 76.4778,
90.4589

 52.7371, 31.5091,
45.0539

 89.8979, 91.2918,
102.2625

 49.8458, 27.5469,
38.4778

95.0500, 100.0000,
108.9000

■ 47.7085, 24.9313,
32.6509

■ 46.2239, 23.4640,
27.5258

■ 45.6835, 23.0374,
25.3294

Harmonies

Analogous

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



62.0525, 52.9744, 94.5525



66.7054, 52.9744, 69.6601



66.6719, 52.9744, 46.9000

Triad

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



66.7054, 52.9744, 69.6601



46.4305, 52.9744, 24.7964



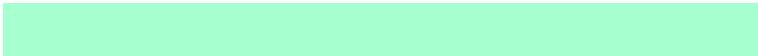
40.2862, 52.9744, 94.8549

Complementary

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



66.7054, 52.9744, 69.6601



62.5415, 84.0253, 71.9571

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.



36.9372, 52.9744, 69.9972



66.7054, 52.9744, 69.6601



40.2208, 52.9744, 31.9083

Square

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



66.7054, 52.9744, 69.6601



54.3762, 52.9744, 24.7512



36.9146, 52.9744, 47.1590



46.5287, 52.9744, 111.5077

Rectangle

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



66.7054, 52.9744, 69.6601



63.9709, 52.9744, 35.8607



36.9146, 52.9744, 47.1590



38.8153, 52.9744, 86.9284

Sweetspot

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



66.7066, 52.9767, 69.6612



84.7088, 82.5762, 95.4072



57.2393, 47.3984, 100.7397



17.8792, 17.2534, 20.0824



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.



66.7066, 52.9767, 69.6612



62.8358, 46.8171, 63.4936



61.7647, 50.9999, 43.6374



18.4143, 18.1490, 20.7990



23.9469, 12.0680, 13.6365



2.3868, 1.1971, 1.6185

Inverse Universe

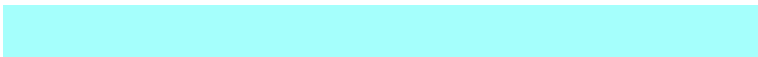
The Inverse Universe completely reimagines the original color for something new.



66.7066, 52.9767, 69.6612



62.8358, 46.8171, 63.4936



68.8491, 86.5483, 105.1724



18.4143, 18.1490, 20.7990



23.9469, 12.0680, 13.6365



2.3868, 1.1971, 1.6185

Previews

White Background



This preview shows how the XYZ color 66.7054, 52.9744, 69.6601 looks on a white background.

Color Contrast Check

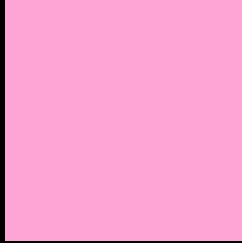
Large Text (above 18pt) WCAG AA × Fail

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 66.7054, 52.9744, 69.6601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

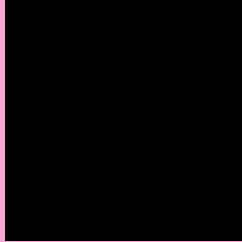
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7054, 52.9744, 69.6601

Background



This preview shows how black text looks on a background with the XYZ color 66.7054, 52.9744, 69.6601.



This preview shows how white text looks on a background with the XYZ color 66.7054, 52.9744,

69.6601.

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

66.7054, 52.9744, 69.6601

Protanopia

52.9213, 53.2891, 82.3595

Deuteranopia

54.1808, 52.9815, 67.6924



Tritanopia

63.0669, 52.8638, 51.6795

Trichromacy



Original Color

66.7054, 52.9744, 69.6601



Protanomaly

56.7608, 52.5394, 77.6705



Deuteranomaly

58.1844, 52.5813, 68.0553



Tritanomaly

64.2482, 52.7830, 57.8408

Monochromacy



Original Color

66.7054, 52.9744, 69.6601



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

57.0419, 53.9151, 63.9001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7054, 52.9744, 69.6601 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, 165, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 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, 165, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 213) }
```

Border

The CSS property to change the border of an element to XYZ 66.7054, 52.9744, 69.6601 is called "border". The border property can be set on classes, ids or directly on the HTML element.

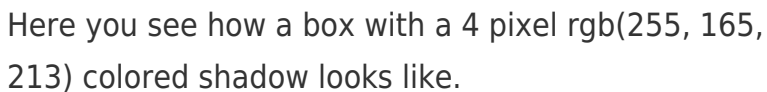
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 165, 213) }
```


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

```
.border{ border-color:rgb(255, 165, 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, 165, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 165, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 165, 213); box-shadow:4px 4px 4px 4px rgb(255, 165, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7054, 52.9744, 69.6601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 213) }
```

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

```
.background{ background-color: rgb(255,  
165, 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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