

Converting Colors

XYZ(66.0467, 50.2042, 73.9195)

Have a look what the booklet for
XYZ(66.0467, 50.2042, 73.9195)
contains.

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Color

**XYZ(66.0467, 50.2042,
73.9195)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CDC
RGB	255, 156, 220
RGB Percent	100%, 61%, 86%
CMY	0.0000, 0.3882, 0.1373
CMYK	0.00, 0.39, 0.14, 0.00
HSL	321°, 100%, 81%
HSV	321°, 39%, 100%
XYZ	66.0467, 50.2042, 73.9195
YIQ	192.8970, 38.4600, 40.8920

Conversions

Conversions Part 2

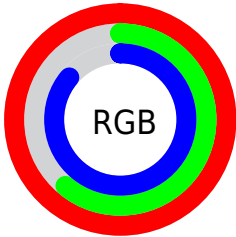
Format	Color
R _Y B	255, 156, 220
Decimal	16751836
CIE Lab	76.19, 45.48, -16.82
CIE LCh	76, 48.489, 339.702
Yxy	50.2042, 0.3473, 0.2640
Android (android.graphics.Color)	4294941916 (0xFFFF9CDC)
YUV	192.8970, 13.3618, 54.4643
Hunter-Lab	70.8549, 42.3909, -12.2559

Details

The XYZ color **66.0467, 50.2042, 73.9195** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.8760, 82.3504, 62.0853**, and the grayscale version is **50.5375, 53.1694, 57.9014**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **34.5689, 24.0897, 38.4251** is the 20% darker color. If you saturate the color by 10%, you get **61.0462, 42.0627, 66.5199**, and if you desaturate by 10%, it is **72.0121, 60.1720, 81.9597**.

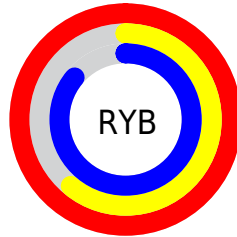
Distribution



Red (100%)

Green (61%)

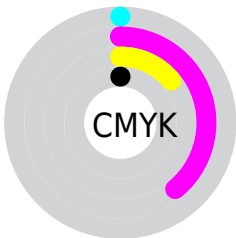
Blue (86%)



Red (100%)

Yellow (61%)

Blue (86%)

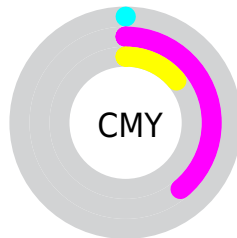


Cyan (0%)

Magenta (39%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0467, 50.2042, 73.9195 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 66.0467, 50.2042, 73.9195 by changing the saturation by 10% instead.

66.0467, 50.2042,
73.9195

66.0467, 50.2042,
73.9195

436.0299,
387.4640, 493.3515

48.5782, 35.5757,
54.2318

112.6107, 90.4774,
126.5147

34.4981, 24.1067,
38.3925

142.4369,
116.8908, 160.2592

23.4412, 15.4128,
25.9833

177.1130,
148.0013, 199.5264

15.0421, 9.1096,
16.5855

217.0044,
184.1933, 244.7348

8.9355, 4.8127,
9.7806

262.4764,
225.8511, 296.3030

4.7559, 2.1378,
5.1500

313.8944,

2.1380, 0.6858,

273.3593, 354.6495

2.2753

371.6238,
327.1021, 420.1928

■ 0.7098, 0.0000,
0.7173

■ 0.0000, 0.0000,
0.0000

■ 66.0467, 50.2042,
73.9195

■ 66.0467, 50.2042,
73.9195

■ 61.0462, 42.0627,
66.5199

■ 72.0121, 60.1720,
81.9597

■ 56.9493, 35.6273,
59.7337

■ 78.9916, 72.0636,
90.6598

■ 53.6932, 30.7735,
53.5354

■ 87.0351, 85.9769,
100.0420

■ 51.2048, 27.3570,
47.8956

95.0500, 100.0000,
108.9000

■ 49.3977, 25.2069,
42.7800

■ 48.1471, 24.0751,
38.1416

■ 48.0175, 23.9710,
37.6196

Harmonies

Analogous

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



59.7679, 50.2042, 102.8926



66.0467, 50.2042, 73.9195



67.0891, 50.2042, 46.6596

Triad

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



66.0467, 50.2042, 73.9195



44.8341, 50.2042, 18.6945



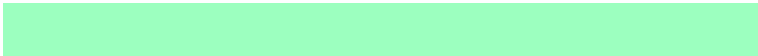
35.5006, 50.2042, 93.2510

Complementary

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



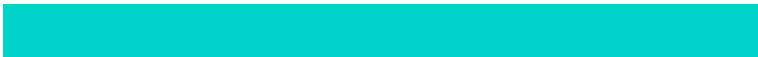
66.0467, 50.2042, 73.9195



58.8760, 82.3504, 62.0853

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.



32.4877, 50.2042, 63.5347



66.0467, 50.2042, 73.9195



37.4067, 50.2042, 24.5017

Square

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



66.0467, 50.2042, 73.9195



54.0373, 50.2042, 19.8885



33.1382, 50.2042, 39.0812



41.9108, 50.2042, 116.2867

Rectangle

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



66.0467, 50.2042, 73.9195



64.5551, 50.2042, 33.4347



33.1382, 50.2042, 39.0812



34.0963, 50.2042, 83.3858

Sweetspot

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



66.0479, 50.2064, 73.9205



84.3600, 81.3293, 96.9843



51.3384, 42.0306, 100.0146



17.8281, 17.0121, 20.4941



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.



66.0479, 50.2064, 73.9205



61.8879, 43.4150, 67.8211



60.4664, 47.9738, 44.5287



18.5040, 18.1849, 21.2711



25.1638, 12.5548, 20.0447



2.5021, 1.2432, 2.2253

Inverse Universe

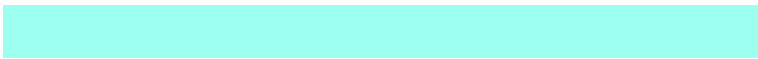
The Inverse Universe completely reimagines the original color for something new.



66.0479, 50.2064, 73.9205



61.8879, 43.4150, 67.8211



65.2221, 84.8888, 95.5033



18.5040, 18.1849, 21.2711



25.1638, 12.5548, 20.0447



2.5021, 1.2432, 2.2253

Previews

White Background



This preview shows how the XYZ color 66.0467, 50.2042, 73.9195 looks on a white background.

Color Contrast Check

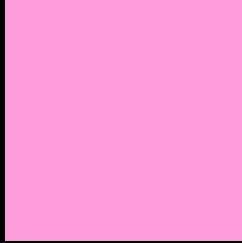
Large Text (above 18pt) WCAG AA × Fail

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 66.0467, 50.2042, 73.9195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

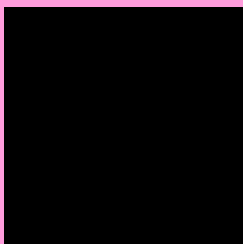
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0467, 50.2042, 73.9195

Background



This preview shows how black text looks on a background with the XYZ color 66.0467, 50.2042, 73.9195.



This preview shows how white text looks on a background with the XYZ color 66.0467, 50.2042,

73.9195.

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

66.0467, 50.2042, 73.9195

Protanopia

50.8916, 50.4674, 90.2780

Deuteranopia

51.6544, 50.6566, 71.3452



Tritanopia

60.6356, 50.0492, 48.0596

Trichromacy



Original Color

66.0467, 50.2042, 73.9195



Protanomaly

54.6666, 49.2396, 83.7138



Deuteranomaly

55.9793, 49.8808, 72.3232



Tritanomaly

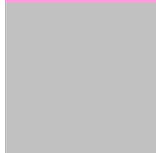
62.5154, 50.0354, 56.8150

Monochromacy



Original Color

66.0467, 50.2042, 73.9195



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

55.4197, 51.5532, 63.5298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0467, 50.2042, 73.9195 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, 156, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 220)  
}
```

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, 156, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 220) }
```

Border

The CSS property to change the border of an element to XYZ 66.0467, 50.2042, 73.9195 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, 156, 220) }
```


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

```
.border{ border-color:rgb(255, 156, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0467, 50.2042, 73.9195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 220) }
```

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

```
.background{ background-color: rgb(255,  
156, 220) }
```

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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