

Converting Colors

XYZ(184.6302, 111.2884,
79.9480)

Have a look what the booklet for
XYZ(184.6302, 111.2884, 79.9480)
contains.

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Color

**XYZ(66.1796, 50.2574,
74.6192)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CDD
RGB	255, 156, 221
RGB Percent	100%, 61%, 87%
CMY	0.0000, 0.3882, 0.1333
CMYK	0.00, 0.39, 0.13, 0.00
HSL	321°, 100%, 81%
HSV	321°, 39%, 100%
XYZ	66.1796, 50.2574, 74.6192
YIQ	193.0110, 38.1390, 41.2030

Conversions

Conversions Part 2

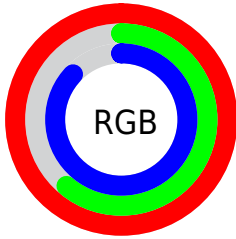
Format	Color
R _Y B	255, 156, 221
Decimal	16751837
CIE Lab	76.23, 45.63, -17.32
CIE LCh	76, 48.810, 339.218
Yxy	50.2574, 0.3464, 0.2631
Android (android.graphics.Color)	4294941917 (0xFFFF9CDD)
YUV	193.0110, 13.7986, 54.3644
Hunter-Lab	70.8925, 42.5717, -12.7821

Details

The XYZ color **66.1796, 50.2574, 74.6192** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.7664, 82.3065, 61.5077**, and the grayscale version is **50.6021, 53.2373, 57.9754**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **34.6603, 24.1262, 38.9064** is the 20% darker color. If you saturate the color by 10%, you get **61.2045, 42.1260, 67.3535**, and if you desaturate by 10%, it is **72.1161, 60.2137, 82.5069**.

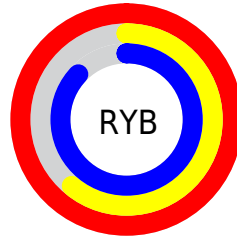
Distribution



Red (100%)

Green (61%)

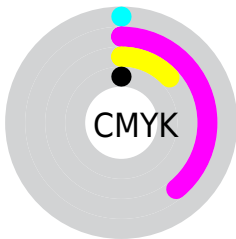
Blue (87%)



Red (100%)

Yellow (61%)

Blue (87%)

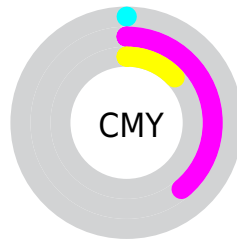


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1796, 50.2574, 74.6192 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 66.1796, 50.2574, 74.6192 by changing the saturation by 10% instead.


 66.1796, 50.2574,
74.6192


 66.1796, 50.2574,
74.6192


436.4974,
387.6717, 495.8281

 48.6865, 35.6180,
54.8011

 112.8004, 90.5561,
127.5153

 34.5843, 24.1393,
38.8450


 142.6587,
116.9842, 161.4304

 23.5079, 15.4370,
26.3323


177.3695,
148.1106, 200.8817

 15.0917, 9.1266,
16.8444

217.2981,
184.3198, 246.2875

 8.9705, 4.8239,
9.9628

262.8098,
225.9961, 298.0666

 4.7789, 2.1443,
5.2690

314.2700,

 2.1515, 0.6894,

273.5239, 356.6373

2.3445

372.0441,
327.2876, 422.4183

■ 0.7170, 0.0000,
0.7560

■ 0.0000, 0.0000,
0.0000

■ 66.1796, 50.2574,
74.6192

■ 66.1796, 50.2574,
74.6192

■ 61.2045, 42.1260,
67.3535

■ 72.1161, 60.2137,
82.5069

■ 57.1296, 35.6994,
60.6831

■ 79.0630, 72.0922,
91.0356

■ 53.8921, 30.8531,
54.5830

■ 87.0703, 85.9911,
100.2269

■ 51.4191, 27.4428,
49.0242

95.0500, 100.0000,
108.9000

■ 49.6243, 25.2975,
43.9730

■ 48.3829, 24.1694,
39.3828

■ 48.2540, 24.0656,
38.8655

Harmonies

Analogous

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



59.7794, 50.2574, 103.7831



66.1796, 50.2574, 74.6192



67.3264, 50.2574, 47.0395

Triad

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



66.1796, 50.2574, 74.6192



45.0045, 50.2574, 18.5296



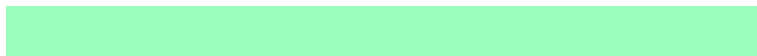
35.3918, 50.2574, 93.1676

Complementary

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



66.1796, 50.2574, 74.6192



58.7664, 82.3065, 61.5077

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.



32.4199, 50.2574, 63.1980



66.1796, 50.2574, 74.6192



37.4843, 50.2574, 24.2294

Square

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



66.1796, 50.2574, 74.6192



54.2871, 50.2574, 19.8358



33.1336, 50.2574, 38.7189



41.7932, 50.2574, 116.6499

Rectangle

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



66.1796, 50.2574, 74.6192



64.8293, 50.2574, 33.6251



33.1336, 50.2574, 38.7189



33.9983, 50.2574, 83.1901

Sweetspot

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



66.1808, 50.2596, 74.6202



84.4070, 81.3481, 97.2320



50.9268, 41.8184, 99.9954



17.8392, 17.0166, 20.5525



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.



66.1808, 50.2596, 74.6202



62.0418, 43.4766, 68.6317



60.6246, 48.0371, 45.3614



18.5121, 18.1881, 21.3136



25.2867, 12.6040, 20.6921



2.5135, 1.2478, 2.2853

Inverse Universe

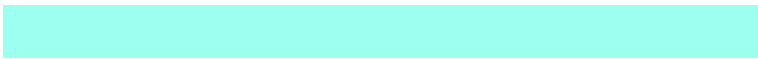
The Inverse Universe completely reimagines the original color for something new.



66.1808, 50.2596, 74.6202



62.0418, 43.4766, 68.6317



64.9779, 84.7911, 94.2170



18.5121, 18.1881, 21.3136



25.2867, 12.6040, 20.6921



2.5135, 1.2478, 2.2853

Previews

White Background



This preview shows how the XYZ color 66.1796, 50.2574, 74.6192 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 66.1796, 50.2574, 74.6192 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 66.1796, 50.2574, 74.6192

Background



This preview shows how black text looks on a background with the XYZ color 66.1796, 50.2574, 74.6192.



This preview shows how white text looks on a background with the XYZ color 66.1796, 50.2574,

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

66.1796, 50.2574, 74.6192

Protanopia

51.0415, 50.5273, 91.0670

Deuteranopia

51.7833, 50.7082, 72.0241



Tritanopia

60.8153, 50.4086, 48.1195

Trichromacy



Original Color

66.1796, 50.2574, 74.6192



Protanomaly

54.8099, 49.2970, 84.4684



Deuteranomaly

56.1098, 49.9330, 73.0104



Tritanomaly

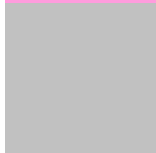
62.6909, 50.3864, 56.8734

Monochromacy



Original Color

66.1796, 50.2574, 74.6192



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 66.1796, 50.2574, 74.6192 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 221) }
```

Border

The CSS property to change the border of an element to XYZ 66.1796, 50.2574, 74.6192 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, 221) }
```


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

```
.border{ border-color:rgb(255, 156, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1796, 50.2574, 74.6192 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
156, 221) }
```

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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