

Converting Colors

XYZ(69.3299, 53.0706, 65.8074)

Have a look what the booklet for
XYZ(69.3299, 53.0706, 65.8074)
contains.

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Color

**XYZ(65.0733, 50.9066,
65.4277)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA0CF
RGB	255, 160, 207
RGB Percent	100%, 63%, 81%
CMY	0.0000, 0.3725, 0.1882
CMYK	0.00, 0.37, 0.19, 0.00
HSL	330°, 100%, 81%
HSV	330°, 37%, 100%
XYZ	65.0733, 50.9066, 65.4277
YIQ	193.7630, 41.5330, 34.7570

Conversions

Conversions Part 2

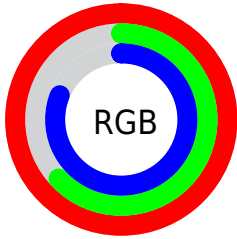
Format	Color
R_{YB}	255, 160, 207
Decimal	16752847
CIE _{Lab}	76.62, 41.45, -9.08
CIE _{LCh}	77, 42.429, 347.647
Yxy	50.9066, 0.3587, 0.2806
Android (android.graphics.Color)	4294942927 (0xFFFFA0CF)
YUV	193.7630, 6.5258, 53.7048
Hunter-Lab	71.3489, 37.9393, -4.4254

Details

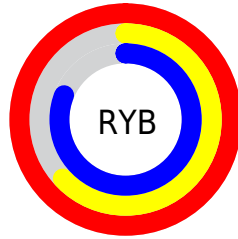
The XYZ color **65.0733, 50.9066, 65.4277** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.6443, 83.5486, 72.5554**, and the grayscale version is **51.0848, 53.7452, 58.5285**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **34.0334, 24.6856, 33.1080** is the 20% darker color. If you saturate the color by 10%, you get **59.5859, 42.3508, 56.1414**, and if you desaturate by 10%, it is **71.5982, 61.3314, 75.6954**.

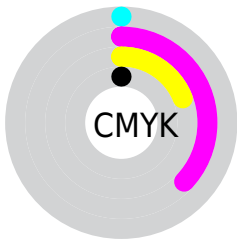
Distribution



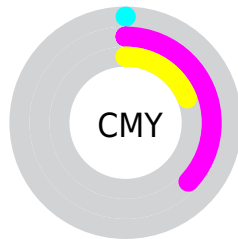
- Red (100%)
- Green (63%)
- Blue (81%)



- Red (100%)
- Yellow (63%)
- Blue (81%)



- Cyan (0%)
- Magenta (37%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0733, 50.9066, 65.4277 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 65.0733, 50.9066, 65.4277 by changing the saturation by 10% instead.

 65.0733, 50.9066,
65.4277


 65.0733, 50.9066,
65.4277


432.5964,
390.2008, 462.6756

 47.7854, 36.1343,
47.3544


 111.2204, 91.5167,
114.2837

 33.8675, 24.5379,
32.9596


 140.8103,
118.1233, 145.9035

 22.9543, 15.7331,
21.8246


175.2316,
149.4434, 182.8759

 14.6803, 9.3355,
13.5310

214.8496,
185.8614, 225.6194

 8.6801, 4.9607,
7.6602

260.0298,
227.7618, 274.5526

 4.5886, 2.2242,
3.7937

311.1374,

 2.0402, 0.7331,

275.5289, 330.0940

1.5128

368.5378,
329.5471, 392.6621

■ 0.6564, 0.0000,
0.2275

■ 0.0000, 0.0000,
0.0000

■ 65.0733, 50.9066,
65.4277

■ 65.0733, 50.9066,
65.4277

■ 59.5859, 42.3508,
56.1414

■ 71.5982, 61.3314,
75.6954

■ 55.0736, 35.5443,
47.7987

■ 79.2111, 73.7218,
86.9739

■ 51.4724, 30.3644,
40.3633

■ 87.9631, 88.1756,
99.2952

■ 48.7086, 26.6689,
33.7944

95.0500, 100.0000,
108.9000

■ 46.6962, 24.2909,
28.0464

■ 45.3247, 23.0155,
23.0645

■ 45.0157, 22.7703,
21.8126

Harmonies

Analogous

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



60.7045, 50.9066, 90.8385



65.0733, 50.9066, 65.4277



64.6250, 50.9066, 43.0849

Triad

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



65.0733, 50.9066, 65.4277



43.8576, 50.9066, 23.0870



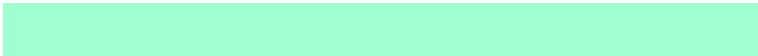
38.7187, 50.9066, 94.9091

Complementary

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



65.0733, 50.9066, 65.4277



61.6443, 83.5486, 72.5554

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.



35.1231, 50.9066, 69.9300



65.0733, 50.9066, 65.4277



37.8567, 50.9066, 30.6741

Square

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



65.0733, 50.9066, 65.4277



51.7610, 50.9066, 22.5029



34.8260, 50.9066, 46.5040



45.1594, 50.9066, 110.7569

Rectangle

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



65.0733, 50.9066, 65.4277



61.6565, 50.9066, 32.5856



34.8260, 50.9066, 46.5040



37.1696, 50.9066, 87.0303

Sweetspot

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



65.0745, 50.9088, 65.4287



84.5467, 82.5113, 94.5536



56.4948, 45.7018, 100.4515



17.8406, 17.2379, 19.8791



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.



65.0745, 50.9088, 65.4287



60.7348, 44.1214, 58.1496



60.1576, 48.9421, 39.5367



18.3840, 18.1369, 20.6395



23.5968, 11.9280, 11.7934



2.3526, 1.1834, 1.4382

Inverse Universe

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



65.0745, 50.9088, 65.4287



60.7348, 44.1214, 58.1496



68.3085, 86.2142, 107.6485



18.3840, 18.1369, 20.6395



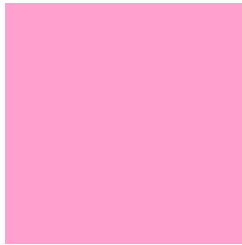
23.5968, 11.9280, 11.7934



2.3526, 1.1834, 1.4382

Previews

White Background



This preview shows how the XYZ color 65.0733, 50.9066, 65.4277 looks on a white background.

Color Contrast Check

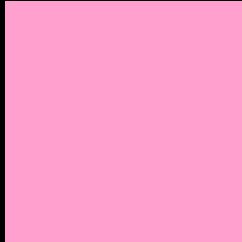
Large Text (above 18pt) WCAG AA × Fail

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 65.0733, 50.9066, 65.4277 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 65.0733, 50.9066, 65.4277

Background



This preview shows how black text looks on a background with the XYZ color 65.0733, 50.9066, 65.4277.



This preview shows how white text looks on a background with the XYZ color 65.0733, 50.9066,

65.4277.

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

65.0733, 50.9066, 65.4277

Protanopia

50.8652, 51.3478, 78.4644

Deuteranopia

52.2771, 51.1493, 63.6174



Tritanopia

61.6359, 50.8201, 48.6802

Trichromacy



Original Color

65.0733, 50.9066, 65.4277



Protanomaly

54.8698, 50.4581, 73.1771



Deuteranomaly

56.0478, 50.3917, 63.8993



Tritanomaly

62.7905, 50.7512, 54.6306

Monochromacy



Original Color

65.0733, 50.9066, 65.4277



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.3557, 52.1783, 61.1867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0733, 50.9066, 65.4277 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, 160, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 207)  
}
```

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, 160, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 207) }
```

Border

The CSS property to change the border of an element to XYZ 65.0733, 50.9066, 65.4277 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, 160, 207) }
```


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

```
.border{ border-color:rgb(255, 160, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0733, 50.9066, 65.4277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 207) }
```

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

```
.background{ background-color: rgb(255,  
160, 207) }
```

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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