

Converting Colors

XYZ(66.2343, 53.0043, 66.5063)

Have a look what the booklet for
XYZ(66.2343, 53.0043, 66.5063)
contains.

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Color

**XYZ(66.2614, 53.0865,
66.4289)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6D0
RGB	255, 166, 208
RGB Percent	100%, 65%, 82%
CMY	0.0000, 0.3490, 0.1843
CMYK	0.00, 0.35, 0.18, 0.00
HSL	332°, 100%, 83%
HSV	332°, 35%, 100%
XYZ	66.2614, 53.0865, 66.4289
YIQ	197.3990, 39.5620, 31.9300

Conversions

Conversions Part 2

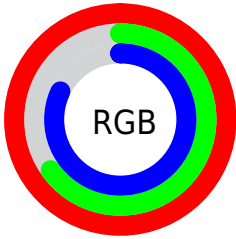
Format	Color
R _Y B	255, 166, 208
Decimal	16754384
CIE Lab	77.93, 38.49, -7.69
CIE LCh	78, 39.253, 348.709
Yxy	53.0865, 0.3567, 0.2858
Android (android.graphics.Color)	4294944464 (0xFFFFA6D0)
YUV	197.3990, 5.2263, 50.5161
Hunter-Lab	72.8605, 34.8271, -3.0540

Details

The XYZ color **66.2614, 53.0865, 66.4289** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.4981, 84.4320, 75.9045**, and the grayscale version is **53.2659, 56.0399, 61.0274**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **34.7638, 26.0137, 33.7607** is the 20% darker color. If you saturate the color by 10%, you get **60.4900, 44.0836, 56.6748**, and if you desaturate by 10%, it is **73.0950, 63.9883, 77.2324**.

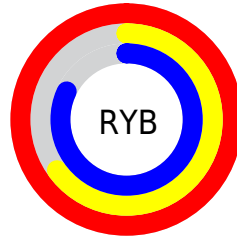
Distribution



Red (100%)

Green (65%)

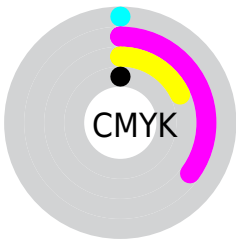
Blue (82%)



Red (100%)

Yellow (65%)

Blue (82%)

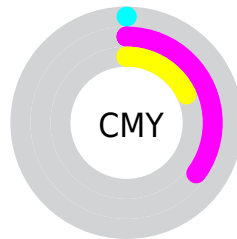


Cyan (0%)

Magenta (35%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2614, 53.0865, 66.4289 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 66.2614, 53.0865, 66.4289 by changing the saturation by 10% instead.


 66.2614, 53.0865,
66.4289


 66.2614, 53.0865,
66.4289


436.7851,
398.6169, 466.3552

 48.7531, 37.8718,
48.1620


 112.9171, 94.7316,
115.7346

 34.6374, 25.8832,
33.5943


 142.7952,
121.9309, 147.6104

 23.5489, 16.7363,
22.3073


177.5273,
153.8938, 184.8596

 15.1223, 10.0467,
13.8824

217.4787,
191.0048, 227.9007

 8.9921, 5.4299,
7.9011

263.0149,
233.6481, 277.1523

 4.7931, 2.5016,
3.9448

314.5011,

 2.1599, 0.8775,

282.2084, 333.0329

1.5951

372.3027,
337.0698, 395.9610

■ 0.7215, 0.0000,
0.2873

■ 0.0000, 0.0000,
0.0000

■ 66.2614, 53.0865,
66.4289

■ 66.2614, 53.0865,
66.4289

■ 60.4900, 44.0836,
56.6748

■ 73.0950, 63.9883,
77.2324

■ 55.7188, 36.8619,
47.9306

■ 81.0405, 76.8833,
89.1167

■ 51.8853, 31.3016,
40.1580

■ 90.1487, 91.8683,
102.1152

■ 48.9176, 27.2650,
33.3146

95.0500, 100.0000,
108.9000

■ 46.7323, 24.5920,
27.3530

■ 45.2278, 23.0855,
22.2191

■ 44.6503, 22.6241,
19.8883

Harmonies

Analogous

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



62.3074, 53.0865, 90.2121



66.2614, 53.0865, 66.4289



65.6739, 53.0865, 45.3411

Triad

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



66.2614, 53.0865, 66.4289



45.8944, 53.0865, 26.4312



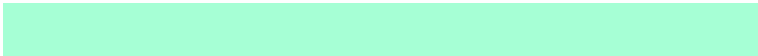
41.3787, 53.0865, 95.4848

Complementary

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



66.2614, 53.0865, 66.4289



63.4981, 84.4320, 75.9045

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.



37.7936, 53.0865, 72.3597



66.2614, 53.0865, 66.4289



40.2136, 53.0865, 34.2654

Square

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



66.2614, 53.0865, 66.4289



53.3857, 53.0865, 25.6047



37.3897, 53.0865, 49.9566



47.6377, 53.0865, 109.5952

Rectangle

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



66.2614, 53.0865, 66.4289



62.7981, 53.0865, 35.2998



37.3897, 53.0865, 49.9566



39.8491, 53.0865, 88.2733

Sweetspot

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



66.2627, 53.0888, 66.4300



85.3548, 83.9585, 95.3441



58.8348, 48.4897, 100.8663



17.9984, 17.5251, 20.0193



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.



66.2627, 53.0888, 66.4300



62.0580, 46.5060, 59.3976



62.0321, 51.8305, 42.8143



18.3662, 18.1298, 20.5456



23.4048, 11.8512, 10.7823



2.3335, 1.1758, 1.3378

Inverse Universe

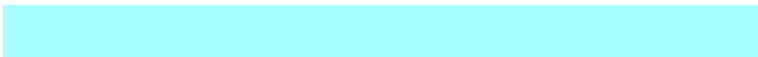
The Inverse Universe completely reimagines the original color for something new.



66.2627, 53.0888, 66.4300



62.0580, 46.5060, 59.3976



69.0658, 85.9050, 107.5489



18.3662, 18.1298, 20.5456



23.4048, 11.8512, 10.7823



2.3335, 1.1758, 1.3378

Previews

White Background



This preview shows how the XYZ color 66.2614, 53.0865, 66.4289 looks on a white background.

Color Contrast Check

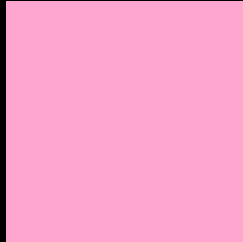
Large Text (above 18pt) WCAG AA × Fail

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 66.2614, 53.0865, 66.4289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

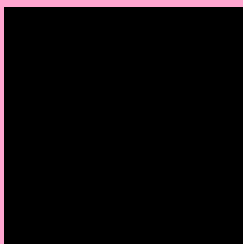
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2614, 53.0865, 66.4289

Background



This preview shows how black text looks on a background with the XYZ color 66.2614, 53.0865, 66.4289.



This preview shows how white text looks on a background with the XYZ color 66.2614, 53.0865,

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

66.2614, 53.0865, 66.4289

Protanopia

52.7977, 53.6459, 78.0930

Deuteranopia

54.4015, 53.1657, 64.5215



Tritanopia

63.0669, 52.8638, 51.6795

Trichromacy



Original Color

66.2614, 53.0865, 66.4289



Protanomaly

56.7398, 52.9260, 73.5549



Deuteranomaly

57.8800, 52.4953, 64.8396



Tritanomaly

64.2104, 53.0644, 56.7274

Monochromacy



Original Color

66.2614, 53.0865, 66.4289



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

57.0150, 54.2403, 62.7227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2614, 53.0865, 66.4289 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, 166, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 208)  
}
```

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, 166, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 208) }
```

Border

The CSS property to change the border of an element to XYZ 66.2614, 53.0865, 66.4289 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, 166, 208) }
```


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

```
.border{ border-color:rgb(255, 166, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 166, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2614, 53.0865, 66.4289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 208) }
```

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

```
.background{ background-color: rgb(255,  
166, 208) }
```

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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