

Converting Colors

XYZ(65.9319, 54.0464, 61.3283)

Have a look what the booklet for
XYZ(65.9319, 54.0464, 61.3283)
contains.

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Color

**XYZ(66.0401, 54.1796,
61.6206)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAC8
RGB	255, 170, 200
RGB Percent	100%, 67%, 78%
CMY	0.0000, 0.3333, 0.2157
CMYK	0.00, 0.33, 0.22, 0.00
HSL	339°, 100%, 83%
HSV	339°, 33%, 100%
XYZ	66.0401, 54.1796, 61.6206
YIQ	198.8350, 41.0300, 27.3500

Conversions

Conversions Part 2

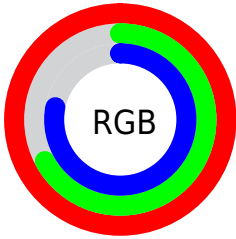
Format	Color
R _Y B	255, 170, 200
Decimal	16755400
CIE Lab	78.57, 35.24, -2.39
CIE LCh	79, 35.320, 356.126
Yxy	54.1796, 0.3632, 0.2980
Android (android.graphics.Color)	4294945480 (0xFFFFAAC8)
YUV	198.8350, 0.5743, 49.2567
Hunter-Lab	73.6068, 31.3385, 1.8896

Details

The XYZ color **66.0401, 54.1796, 61.6206** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.9302, 85.5033, 84.2668**, and the grayscale version is **54.1655, 56.9864, 62.0581**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **34.5756, 26.6682, 30.5193** is the 20% darker color. If you saturate the color by 10%, you get **59.8895, 44.8000, 50.5640**, and if you desaturate by 10%, it is **73.3284, 65.5014, 74.0847**.

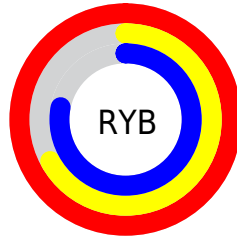
Distribution



Red (100%)

Green (67%)

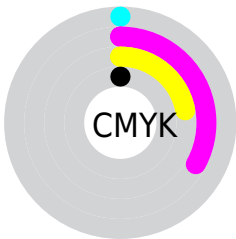
Blue (78%)



Red (100%)

Yellow (67%)

Blue (78%)

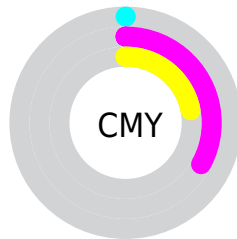


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0401, 54.1796, 61.6206 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 66.0401, 54.1796, 61.6206 by changing the saturation by 10% instead.

66.0401, 54.1796,
61.6206

66.0401, 54.1796,
61.6206

436.0067,
402.7945, 448.5152

48.5728, 38.7453,
44.2924

112.6013, 96.3379,
108.7433

34.4938, 26.5616,
30.5616

142.4259,
123.8307, 139.3748

23.4379, 17.2443,
20.0096

177.1003,
156.1117, 175.2779

15.0397, 10.4088,
12.2178

216.9898,
193.5653, 216.8711

8.9337, 5.6708,
6.7679

262.4599,
236.5761, 264.5728

4.7547, 2.6460,
3.2411


313.8758,

2.1374, 0.9498,

285.5282, 318.8018

1.2190


371.6029,
340.8063, 379.9764


 0.7094, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 66.0401, 54.1796,
61.6206

 66.0401, 54.1796,
61.6206


 59.8895, 44.8000,
50.5640


 73.3284, 65.5014,
74.0847

 54.8126, 37.2452,
40.8590

 81.8065, 78.8596,
88.0027

 50.7442, 31.3960,
32.4506

 91.5276, 94.3510,
103.4226

 47.6104, 27.1162,
25.2780

95.0500, 100.0000,
108.9000

■ 45.3262, 24.2481,
19.2745

■ 43.7893, 22.6006,
14.3652

■ 43.0851, 21.9980,
11.6461

Harmonies

Analogous

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



63.4294, 54.1796, 83.0448



66.0401, 54.1796, 61.6206



64.4743, 54.1796, 43.6693

Triad

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



66.0401, 54.1796, 61.6206



45.8234, 54.1796, 30.8319



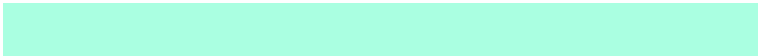
44.3894, 54.1796, 96.8918

Complementary

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



66.0401, 54.1796, 61.6206



65.9302, 85.5033, 84.2668

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.



40.3880, 54.1796, 77.5363



66.0401, 54.1796, 61.6206



41.1620, 54.1796, 40.1001

Square

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



66.0401, 54.1796, 61.6206



52.4058, 54.1796, 28.4133



39.2614, 54.1796, 56.4400



50.5970, 54.1796, 106.1060

Rectangle

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



66.0401, 54.1796, 61.6206



61.3424, 54.1796, 35.4466



39.2614, 54.1796, 56.4400



42.7642, 54.1796, 91.1697

Sweetspot

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



66.0414, 54.1820, 61.6217



84.9039, 83.7782, 92.9698



63.1155, 51.7929, 101.2782



17.8896, 17.4815, 19.4464



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.



66.0414, 54.1820, 61.6217



61.8162, 47.7164, 54.0942



65.0892, 57.3482, 45.6721



18.2741, 18.0930, 20.0606



22.5768, 11.5200, 6.4218



2.2478, 1.1415, 0.8863

Inverse Universe

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



66.0414, 54.1820, 61.6217



61.8162, 47.7164, 54.0942



66.8797, 80.2682, 106.5761



18.2741, 18.0930, 20.0606



22.5768, 11.5200, 6.4218



2.2478, 1.1415, 0.8863

Previews

White Background



This preview shows how the XYZ color 66.0401, 54.1796, 61.6206 looks on a white background.

Color Contrast Check

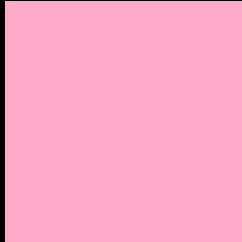
Large Text (above 18pt) WCAG AA × Fail

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 66.0401, 54.1796, 61.6206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

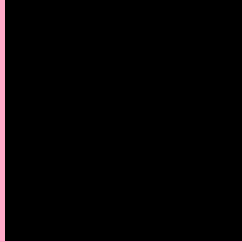
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0401, 54.1796, 61.6206

Background



This preview shows how black text looks on a background with the XYZ color 66.0401, 54.1796, 61.6206.



This preview shows how white text looks on a background with the XYZ color 66.0401, 54.1796,

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

66.0401, 54.1796, 61.6206

Protanopia

53.4217, 54.7761, 71.3755

Deuteranopia

55.7162, 54.5725, 60.4203



Tritanopia

64.1235, 53.9329, 53.4848

Trichromacy



Original Color

66.0401, 54.1796, 61.6206



Protanomaly

57.1765, 53.9003, 67.7119



Deuteranomaly

58.9159, 54.0271, 60.7491



Tritanomaly

64.8399, 53.9582, 56.2878

Monochromacy



Original Color

66.0401, 54.1796, 61.6206



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.5054, 55.1500, 61.6470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0401, 54.1796, 61.6206 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, 170, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 200)  
}
```

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, 170, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 200) }
```

Border

The CSS property to change the border of an element to XYZ 66.0401, 54.1796, 61.6206 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, 170, 200) }
```


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

```
.border{ border-color:rgb(255, 170, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0401, 54.1796, 61.6206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 200) }
```

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

```
.background{ background-color: rgb(255,  
170, 200) }
```

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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