

Converting Colors

XYZ(71.3097, 57.4404, 62.4282)

Have a look what the booklet for
XYZ(71.3097, 57.4404, 62.4282)
contains.

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Color

**XYZ(66.5351, 54.9821,
62.3642)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACC9
RGB	255, 172, 201
RGB Percent	100%, 67%, 79%
CMY	0.0000, 0.3255, 0.2118
CMYK	0.00, 0.33, 0.21, 0.00
HSL	339°, 100%, 84%
HSV	339°, 33%, 100%
XYZ	66.5351, 54.9821, 62.3642
YIQ	200.1230, 40.1590, 26.6150

Conversions

Conversions Part 2

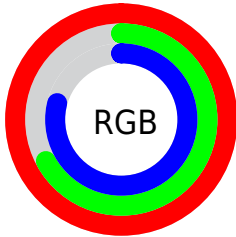
Format	Color
R _Y B	255, 172, 201
Decimal	16755913
CIE Lab	79.03, 34.34, -2.25
CIE LCh	79, 34.414, 356.255
Yxy	54.9821, 0.3618, 0.2990
Android (android.graphics.Color)	4294945993 (0xFFFFACC9)
YUV	200.1230, 0.4324, 48.1271
Hunter-Lab	74.1499, 30.4066, 2.0388

Details

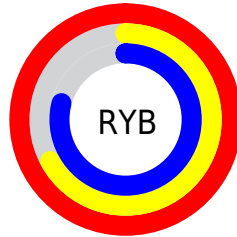
The XYZ color **66.5351, 54.9821, 62.3642** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.5029, 85.7827, 85.0079**, and the grayscale version is **54.9569, 57.8189, 62.9648**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **34.8892, 27.1706, 31.0093** is the 20% darker color. If you saturate the color by 10%, you get **60.2919, 45.4522, 51.1684**, and if you desaturate by 10%, it is **73.9231, 66.4635, 74.9830**.

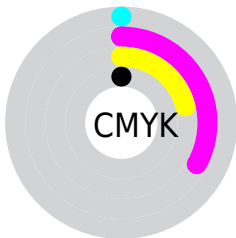
Distribution



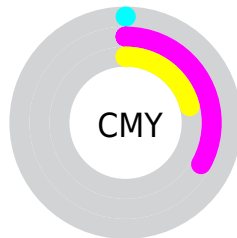
- Red (100%)
- Green (67%)
- Blue (79%)



- Red (100%)
- Yellow (67%)
- Blue (79%)



- Cyan (0%)
- Magenta (33%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.5351, 54.9821, 62.3642 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 66.5351, 54.9821, 62.3642 by changing the saturation by 10% instead.


 66.5351, 54.9821,
62.3642

 66.5351, 54.9821,
62.3642


437.7467,
405.8441, 451.3026

 48.9762, 39.3874,
44.8894


 113.3075, 97.5147,
109.8284

 34.8151, 27.0612,
31.0280


143.2517,
125.2214, 140.6549

 23.6863, 17.6192,
20.3615


178.0551,
157.7343, 176.7690

 15.2246, 10.6769,
12.4714

218.0829,
195.4376, 218.5892

 9.0645, 5.8500,
6.9392

263.7007,
238.7159, 266.5342

 4.8407, 2.7541,
3.3462


315.2737,

 2.1879, 1.0048,


287.9534, 321.0223


1.2740


373.1672,
343.5347, 382.4723


 0.7363, 0.0000,
0.0404


 0.0000, 0.0000,
0.0000


 66.5351, 54.9821,
62.3642


 66.5351, 54.9821,
62.3642


 60.2919, 45.4522,
51.1684


 73.9231, 66.4635,
74.9830

 55.1291, 37.7567,
41.3394

 82.5071, 79.9899,
89.0714

 50.9824, 31.7777,
32.8217

 92.3404, 95.6575,
104.6778

 47.7781, 27.3802,
25.5543

95.0500, 100.0000,
108.9000

■ 45.4323, 24.4084,
19.4702

■ 43.8442, 22.6745,
14.4945

■ 43.0468, 21.9827,
11.4447

Harmonies

Analogous

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



63.9943, 54.9821, 83.3613



66.5351, 54.9821, 62.3642



64.9841, 54.9821, 44.6815

Triad

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



66.5351, 54.9821, 62.3642



46.6460, 54.9821, 32.0077



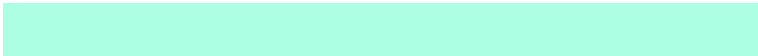
45.2781, 54.9821, 97.0304

Complementary

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



66.5351, 54.9821, 62.3642



66.5029, 85.7827, 85.0079

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.



41.3137, 54.9821, 78.1518



66.5351, 54.9821, 62.3642



42.0537, 54.9821, 41.2610

Square

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



66.5351, 54.9821, 62.3642



53.1240, 54.9821, 29.5622



40.1864, 54.9821, 57.4357



51.4032, 54.9821, 105.9490

Rectangle

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



66.5351, 54.9821, 62.3642



61.9058, 54.9821, 36.5404



40.1864, 54.9821, 57.4357



43.6701, 54.9821, 91.4621

Sweetspot

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



66.5365, 54.9846, 62.3653



84.8906, 83.7728, 92.8997



64.1528, 52.8885, 101.4350



17.8864, 17.4803, 19.4295



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.



66.5365, 54.9846, 62.3653



62.3795, 48.6168, 54.9801



65.9223, 58.7093, 46.8905



18.2714, 18.0919, 20.0463



22.5564, 11.5118, 6.3144



2.2456, 1.1406, 0.8747

Inverse Universe

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



66.5365, 54.9846, 62.3653



62.3795, 48.6168, 54.9801



66.9810, 79.8241, 106.4851



18.2714, 18.0919, 20.0463



22.5564, 11.5118, 6.3144



2.2456, 1.1406, 0.8747

Previews

White Background



This preview shows how the XYZ color 66.5351, 54.9821, 62.3642 looks on a white background.

Color Contrast Check

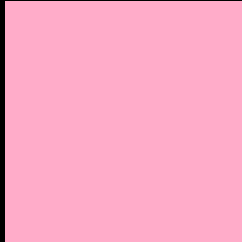
Large Text (above 18pt) WCAG AA × Fail

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 66.5351, 54.9821, 62.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

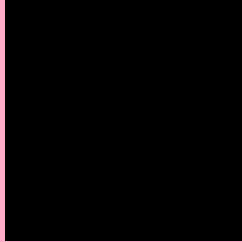
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5351, 54.9821, 62.3642

Background



This preview shows how black text looks on a background with the XYZ color 66.5351, 54.9821, 62.3642.



This preview shows how white text looks on a background with the XYZ color 66.5351, 54.9821,

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

66.5351, 54.9821, 62.3642

Protanopia

54.0290, 55.4058, 72.1367

Deuteranopia

56.3381, 55.2003, 61.1115



Tritanopia

65.0862, 54.9738, 54.7575

Trichromacy



Original Color

66.5351, 54.9821, 62.3642



Protanomaly

57.7221, 54.7927, 68.5065



Deuteranomaly

59.5554, 54.6485, 61.4421



Tritanomaly

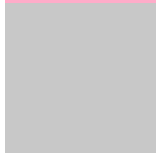
65.4423, 54.8082, 57.5819

Monochromacy



Original Color

66.5351, 54.9821, 62.3642



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.3540, 56.2127, 62.4181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5351, 54.9821, 62.3642 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, 172, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 201)  
}
```

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, 172, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 201) }
```

Border

The CSS property to change the border of an element to XYZ 66.5351, 54.9821, 62.3642 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, 172, 201) }
```


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

```
.border{ border-color:rgb(255, 172, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 172, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5351, 54.9821, 62.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 201) }
```

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

```
.background{ background-color: rgb(255,  
172, 201) }
```

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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