

Converting Colors

XYZ(66.5808, 54.7635, 63.3346)

Have a look what the booklet for
XYZ(66.5808, 54.7635, 63.3346)
contains.

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Color

**XYZ(66.5824, 54.6976,
63.5483)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABCB
RGB	255, 171, 203
RGB Percent	100%, 67%, 80%
CMY	0.0000, 0.3294, 0.2039
CMYK	0.00, 0.33, 0.20, 0.00
HSL	337°, 100%, 84%
HSV	337°, 33%, 100%
XYZ	66.5824, 54.6976, 63.5483
YIQ	199.7640, 39.7920, 27.7600

Conversions

Conversions Part 2

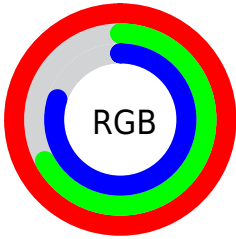
Format	Color
R _Y B	255, 171, 203
Decimal	16755659
CIE Lab	78.87, 35.15, -3.58
CIE LCh	79, 35.335, 354.192
Yxy	54.6976, 0.3602, 0.2959
Android (android.graphics.Color)	4294945739 (0xFFFFABCB)
YUV	199.7640, 1.5953, 48.4420
Hunter-Lab	73.9578, 31.2729, 0.8255

Details

The XYZ color **66.5824, 54.6976, 63.5483** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.8759, 85.5066, 82.8481**, and the grayscale version is **54.7291, 57.5793, 62.7039**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **34.9292, 26.9971, 31.8038** is the 20% darker color. If you saturate the color by 10%, you get **60.4356, 45.2629, 52.6855**, and if you desaturate by 10%, it is **73.8526, 66.0719, 75.7320**.

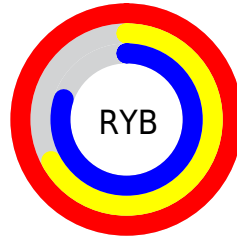
Distribution



Red (100%)

Green (67%)

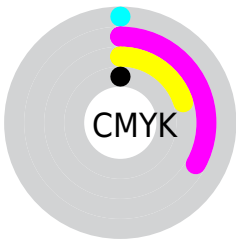
Blue (80%)



Red (100%)

Yellow (67%)

Blue (80%)

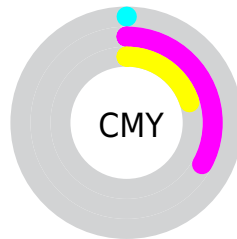


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5824, 54.6976, 63.5483 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 66.5824, 54.6976, 63.5483 by changing the saturation by 10% instead.

66.5824, 54.6976,
63.5483

66.5824, 54.6976,
63.5483

437.9127,
404.7646, 455.7193

49.0148, 39.1597,
45.8411

113.3749, 97.0978,
111.5534

34.8458, 26.8840,
31.7727

143.3306,
124.7288, 142.6883

23.7101, 17.4861,
20.9245

178.1462,
157.1596, 179.1362

15.2423, 10.5817,
12.8781

218.1873,
194.7746, 221.3156

9.0770, 5.7863,
7.2150

263.8191,
237.9582, 269.6451

4.8490, 2.7156,
3.5164

315.4071,

2.1928, 0.9851,

287.0948, 324.5431

1.3640

373.3165,
342.5688, 386.4284

■ 0.7389, 0.0000,
0.1134

■ 0.0000, 0.0000,
0.0000

■ 66.5824, 54.6976,
63.5483

■ 66.5824, 54.6976,
63.5483

■ 60.4356, 45.2629,
52.6855

■ 73.8526, 66.0719,
75.7320

■ 55.3488, 37.6511,
43.0925

■ 82.2969, 79.4794,
89.2787

■ 51.2583, 31.7439,
34.7191

■ 91.9678, 95.0164,
104.2321

■ 48.0914, 27.4062,
27.5101

95.0500, 100.0000,
108.9000

■ 45.7648, 24.4818,
21.4048

■ 44.1782, 22.7815,
16.3349

■ 43.4039, 22.1256,
13.3252

Harmonies

Analogous

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



63.7023, 54.6976, 85.1137



66.5824, 54.6976, 63.5483



65.2767, 54.6976, 45.0979

Triad

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



66.5824, 54.6976, 63.5483



46.6587, 54.6976, 30.8303



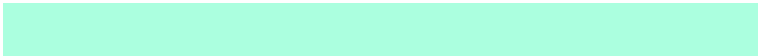
44.4951, 54.6976, 96.6634

Complementary

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



66.5824, 54.6976, 63.5483



65.8759, 85.5066, 82.8481

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.



40.6382, 54.6976, 76.8155



66.5824, 54.6976, 63.5483



41.8065, 54.6976, 39.7077

Square

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



66.5824, 54.6976, 63.5483



53.3642, 54.6976, 28.8180



39.6999, 54.6976, 55.7353



50.6365, 54.6976, 106.8010

Rectangle

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



66.5824, 54.6976, 63.5483



62.2629, 54.6976, 36.4991



39.6999, 54.6976, 55.7353



42.9114, 54.6976, 90.7170

Sweetspot

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



66.5837, 54.7000, 63.5494



85.0094, 83.8203, 93.5252



62.9847, 52.0048, 101.3260



17.9150, 17.4917, 19.5803



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.



66.5837, 54.7000, 63.5494



62.1295, 47.8418, 55.7440



65.0756, 57.1692, 46.1361



18.2957, 18.1016, 20.1741



22.7464, 11.5879, 7.3152



2.2660, 1.1488, 0.9820

Inverse Universe

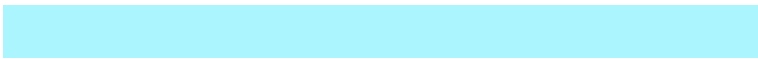
The Inverse Universe completely reimagines the original color for something new.



66.5837, 54.7000, 63.5494



62.1295, 47.8418, 55.7440



67.5591, 81.3050, 106.7404



18.2957, 18.1016, 20.1741



22.7464, 11.5879, 7.3152



2.2660, 1.1488, 0.9820

Previews

White Background



This preview shows how the XYZ color 66.5824, 54.6976, 63.5483 looks on a white background.

Color Contrast Check

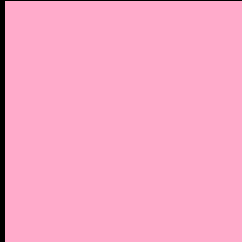
Large Text (above 18pt) WCAG AA × Fail

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 66.5824, 54.6976, 63.5483 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 66.5824, 54.6976, 63.5483

Background



This preview shows how black text looks on a background with the XYZ color 66.5824, 54.6976, 63.5483.



This preview shows how white text looks on a background with the XYZ color 66.5824, 54.6976,

63.5483.

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

66.5824, 54.6976, 63.5483

Protanopia

53.8085, 54.9308, 73.4123

Deuteranopia

56.2794, 55.1432, 62.3210



Tritanopia

64.6137, 54.7426, 54.1746

Trichromacy



Original Color

66.5824, 54.6976, 63.5483



Protanomaly

57.7615, 54.4702, 69.7568



Deuteranomaly

59.4710, 54.5780, 62.6585



Tritanomaly

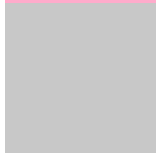
65.4423, 54.8082, 57.5819

Monochromacy



Original Color

66.5824, 54.6976, 63.5483



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.2554, 55.8279, 62.9638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5824, 54.6976, 63.5483 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, 171, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 203)  
}
```

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, 171, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 203) }
```

Border

The CSS property to change the border of an element to XYZ 66.5824, 54.6976, 63.5483 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, 171, 203) }
```


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

```
.border{ border-color:rgb(255, 171, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5824, 54.6976, 63.5483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 203) }
```

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

```
.background{ background-color: rgb(255,  
171, 203) }
```

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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