

Converting Colors

XYZ(67.6076, 48.4848, 54.5765)

Have a look what the booklet for
XYZ(67.6076, 48.4848, 54.5765)
contains.

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Color

**XYZ(60.5075, 44.9242,
54.1973)**

Conversions

Conversions Part 1

Format	Color
Hex	FF90BE
RGB	255, 144, 190
RGB Percent	100%, 56%, 75%
CMY	0.0000, 0.4353, 0.2549
CMYK	0.00, 0.44, 0.25, 0.00
HSL	335°, 100%, 78%
HSV	335°, 44%, 100%
XYZ	60.5075, 44.9242, 54.1973
YIQ	182.4330, 51.3900, 37.8380

Conversions

Conversions Part 2

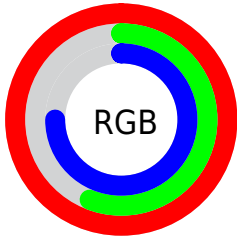
Format	Color
R_{YB}	255, 144, 190
Decimal	16748734
CIE _{Lab}	72.84, 47.18, -5.33
CIE _{LCh}	73, 47.484, 353.559
Yxy	44.9242, 0.3791, 0.2814
Android (android.graphics.Color)	4294938814 (0xFFFF90BE)
YUV	182.4330, 3.7305, 63.6413
Hunter-Lab	67.0255, 43.8468, -1.0244

Details

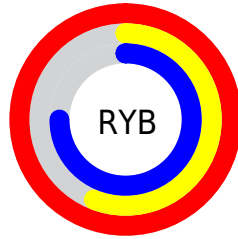
The XYZ color **60.5075, 44.9242, 54.1973** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.7721, 82.0536, 73.0658**, and the grayscale version is **44.6613, 46.9872, 51.1690**.

A 20% lighter version of the original color is **78.5288, 69.2224, 96.4111**, and **30.9365, 20.8542, 26.0616** is the 20% darker color. If you saturate the color by 10%, you get **55.5228, 37.4344, 44.8915**, and if you desaturate by 10%, it is **66.5339, 54.2294, 64.6765**.

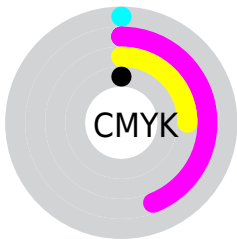
Distribution



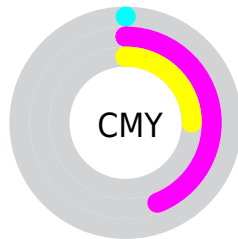
- Red (100%)
- Green (56%)
- Blue (75%)



- Red (100%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (44%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5075, 44.9242, 54.1973 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 60.5075, 44.9242, 54.1973 by changing the saturation by 10% instead.


 60.5075, 44.9242,
54.1973


 60.5075, 44.9242,
54.1973


416.2707,
366.4665, 420.0578

 44.0788, 31.3977,
38.3652


 104.6677, 82.6067,
97.8232

 30.9307, 20.9019,
25.9622


 133.1299,
107.5314, 126.4540

 20.6976, 13.0523,
16.5699


166.3340,
137.0244, 160.1882

 13.0144, 7.4646,
9.7696

204.6454,
171.4700, 199.4442

 7.5155, 3.7543,
5.1429

248.4294,
211.2526, 244.6407

 3.8357, 1.5371,
2.2711

298.0514,

 1.6096, 0.3146,

256.7567, 296.1961

0.7150

353.8767,
308.3665, 354.5289

■ 0.3987, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5075, 44.9242,
54.1973

■ 60.5075, 44.9242,
54.1973

■ 55.5228, 37.4344,
44.8915

■ 66.5339, 54.2294,
64.6765

■ 51.5119, 31.6327,
36.7102

■ 73.6573, 65.4535,
76.3696

■ 48.4038, 27.3854,
29.6043

■ 81.9330, 78.6994,
89.3182

■ 46.1155, 24.5353,
23.5189

■ 91.4114, 94.0611,
103.5612

■ 44.5467, 22.8913, 95.0500, 100.0000,
18.3915 108.9000

■ 43.8243, 22.2937,
15.5388

Harmonies

Analogous

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



56.7943, 44.9242, 81.2167



60.5075, 44.9242, 54.1973



58.9767, 44.9242, 32.8923

Triad

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



60.5075, 44.9242, 54.1973



36.6598, 44.9242, 17.9428



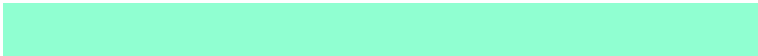
33.9420, 44.9242, 95.3957

Complementary

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



60.5075, 44.9242, 54.1973



58.7721, 82.0536, 73.0658

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.



29.7313, 44.9242, 69.4431



60.5075, 44.9242, 54.1973



31.1532, 44.9242, 26.5640

Square

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



60.5075, 44.9242, 54.1973



44.5058, 44.9242, 16.2062



28.7803, 44.9242, 43.9872



40.9420, 44.9242, 109.4724

Rectangle

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



60.5075, 44.9242, 54.1973



55.2749, 44.9242, 23.7868



28.7803, 44.9242, 43.9872



32.1919, 44.9242, 87.4358

Sweetspot

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



60.5086, 44.9263, 54.1982



82.4018, 79.4550, 90.0359



54.2489, 40.6878, 99.6021



17.2217, 16.3374, 18.6329



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.



60.5086, 44.9263, 54.1982



56.2193, 38.4657, 46.2384



57.7078, 46.1402, 32.2527



18.3215, 18.1119, 20.3102



22.9692, 11.6770, 8.4885



2.2893, 1.1581, 1.1048

Inverse Universe

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



60.5086, 44.9263, 54.1982



56.2193, 38.4657, 46.2384



62.4327, 78.9098, 106.5483



18.3215, 18.1119, 20.3102



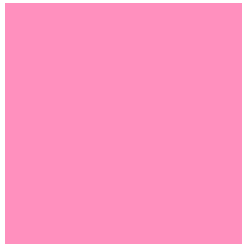
22.9692, 11.6770, 8.4885



2.2893, 1.1581, 1.1048

Previews

White Background



This preview shows how the XYZ color 60.5075, 44.9242, 54.1973 looks on a white background.

Color Contrast Check

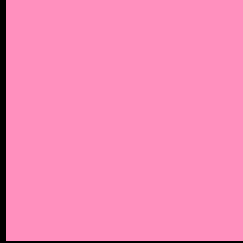
Large Text (above 18pt) WCAG AA × Fail

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 60.5075, 44.9242, 54.1973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

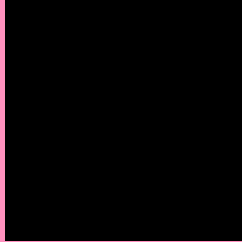
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5075, 44.9242, 54.1973

Background



This preview shows how black text looks on a background with the XYZ color 60.5075, 44.9242, 54.1973.



This preview shows how white text looks on a background with the XYZ color 60.5075, 44.9242,

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

60.5075, 44.9242, 54.1973

Protanopia

44.9118, 45.4282, 68.0294

Deuteranopia

46.1411, 45.2442, 52.2000



Tritanopia

57.3254, 44.7635, 39.3371

Trichromacy



Original Color

60.5075, 44.9242, 54.1973



Protanomaly

49.0443, 44.2807, 62.4620



Deuteranomaly

50.3857, 44.3812, 52.9245



Tritanomaly

58.3881, 44.7286, 44.5858

Monochromacy



Original Color

60.5075, 44.9242, 54.1973



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

49.0541, 45.0634, 52.0116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5075, 44.9242, 54.1973 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, 144, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 190)  
}
```

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, 144, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 190) }
```

Border

The CSS property to change the border of an element to XYZ 60.5075, 44.9242, 54.1973 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, 144, 190) }
```


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

```
.border{ border-color:rgb(255, 144, 190) }
```

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

Here you see how a box with a 4 pixel rgb(255, 144, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5075, 44.9242, 54.1973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 190) }
```

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

```
.background{ background-color: rgb(255,  
144, 190) }
```

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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