

Converting Colors

XYZ(59.2204, 44.9008, 45.9050)

Have a look what the booklet for
XYZ(59.2204, 44.9008, 45.9050)
contains.

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Color

**XYZ(59.2567, 44.9129,
46.1033)**

Conversions

Conversions Part 1

Format	Color
Hex	FF92AF
RGB	255, 146, 175
RGB Percent	100%, 57%, 69%
CMY	0.0000, 0.4274, 0.3137
CMYK	0.00, 0.43, 0.31, 0.00
HSL	344°, 100%, 79%
HSV	344°, 43%, 100%
XYZ	59.2567, 44.9129, 46.1033
YIQ	181.8970, 55.6550, 32.1270

Conversions

Conversions Part 2

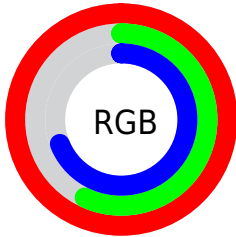
Format	Color
R_{YB}	255, 146, 175
Decimal	16749231
CIE _{Lab}	72.83, 44.23, 2.98
CIE _{LCh}	73, 44.332, 3.854
Yxy	44.9129, 0.3943, 0.2989
Android (android.graphics.Color)	4294939311 (0xFFFF92AF)
YUV	181.8970, -3.4002, 64.1113
Hunter-Lab	67.0171, 40.5503, 6.1244

Details

The XYZ color **59.2567, 44.9129, 46.1033** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.3436, 83.1229, 84.7670**, and the grayscale version is **44.4053, 46.7178, 50.8757**.

A 20% lighter version of the original color is **76.6435, 69.2142, 84.1830**, and **30.2545, 20.9945, 21.1967** is the 20% darker color. If you saturate the color by 10%, you get **54.0425, 37.2252, 35.9157**, and if you desaturate by 10%, it is **65.6048, 54.4601, 57.9268**.

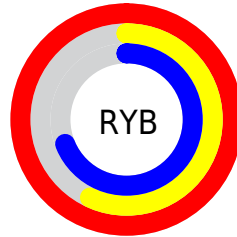
Distribution



Red (100%)

Green (57%)

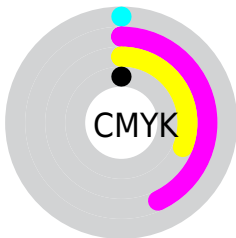
Blue (69%)



Red (100%)

Yellow (57%)

Blue (69%)

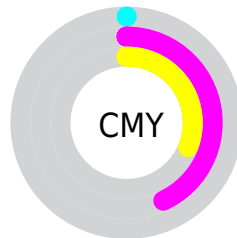


Cyan (0%)

Magenta (43%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (43%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2567, 44.9129, 46.1033 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 59.2567, 44.9129, 46.1033 by changing the saturation by 10% instead.


 59.2567, 44.9129,
46.1033


 59.2567, 44.9129,
46.1033

411.7313,
366.4207, 387.5134

 43.0670, 31.3888,
31.9781

 102.8632, 82.5897,
85.7095

 30.1324, 20.8951,
21.0801

 131.0106,
107.5112, 112.0275

 20.0877, 13.0474,
12.9907


163.8746,
137.0006, 143.2470

 12.5674, 7.4612,
7.2915

201.8206,
171.4424, 179.7863

 7.2063, 3.7521,
3.5639

245.2139,
211.2209, 222.0641

 3.6389, 1.5359,
1.3893

294.4199,

 1.5000, 0.3138,

256.7205, 270.4988

0.1333

349.8039,
308.3257, 325.5091

■ 0.3258, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2567, 44.9129,
46.1033

■ 59.2567, 44.9129,
46.1033

■ 54.0425, 37.2252,
35.9157

■ 65.6048, 54.4601,
57.9268

■ 49.8890, 31.2682,
27.2869

■ 73.1463, 65.9711,
71.4533

■ 46.7203, 26.9072,
20.1371

■ 81.9412, 79.5503,
86.7489

■ 44.4477, 23.9846,
14.3776

■ 92.0440, 95.2929,
103.8755

■ 42.9655, 22.3096, 95.0500, 100.0000,
9.9087 108.9000

■ 42.2783, 21.6753,
7.3978

Harmonies

Analogous

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



57.4296, 44.9129, 70.1026



59.2567, 44.9129, 46.1033



56.2235, 44.9129, 28.8560

Triad

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



59.2567, 44.9129, 46.1033



34.9497, 44.9129, 21.4355



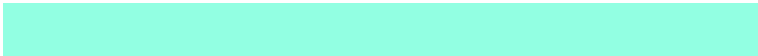
36.4824, 44.9129, 97.7835

Complementary

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



59.2567, 44.9129, 46.1033



61.3436, 83.1229, 84.7670

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.



31.5210, 44.9129, 76.5778



59.2567, 44.9129, 46.1033



30.7138, 44.9129, 32.4757

Square

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



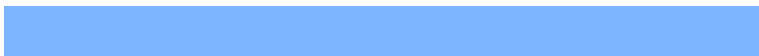
59.2567, 44.9129, 46.1033



41.6994, 44.9129, 17.5923



29.5378, 44.9129, 51.8128



43.6928, 44.9129, 104.6836

Rectangle

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



59.2567, 44.9129, 46.1033



52.0449, 44.9129, 22.0025



29.5378, 44.9129, 51.8128



34.5264, 44.9129, 91.8322

Sweetspot

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



59.2579, 44.9151, 46.1042



81.6985, 79.1737, 86.3321



59.6737, 43.9382, 99.9435



17.0492, 16.2684, 17.7250



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.



59.2579, 44.9151, 46.1042



54.8727, 38.4368, 37.5765



61.0748, 52.6274, 34.1361



18.2078, 18.0664, 19.7112



22.1436, 11.3467, 4.1407



2.1990, 1.1220, 0.6293

Inverse Universe

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



59.2579, 44.9151, 46.1042



54.8727, 38.4368, 37.5765



58.0821, 69.6853, 104.9971



18.2078, 18.0664, 19.7112



22.1436, 11.3467, 4.1407



2.1990, 1.1220, 0.6293

Previews

White Background



This preview shows how the XYZ color 59.2567, 44.9129, 46.1033 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 59.2567, 44.9129, 46.1033 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 59.2567, 44.9129, 46.1033

Background



This preview shows how black text looks on a background with the XYZ color 59.2567, 44.9129, 46.1033.



This preview shows how white text looks on a background with the XYZ color 59.2567, 44.9129,

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

59.2567, 44.9129, 46.1033

Protanopia

44.0181, 45.2008, 57.4436

Deuteranopia

46.0187, 45.0688, 44.3039



Tritanopia

57.9657, 45.1038, 38.9085

Trichromacy



Original Color

59.2567, 44.9129, 46.1033



Protanomaly

48.0595, 43.9821, 52.9701



Deuteranomaly

50.0588, 44.3886, 44.9592



Tritanomaly

58.2545, 44.9673, 41.2065

Monochromacy



Original Color

59.2567, 44.9129, 46.1033



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

48.6191, 45.1859, 48.8071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2567, 44.9129, 46.1033 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, 146, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 175)  
}
```

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, 146, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 175) }
```

Border

The CSS property to change the border of an element to XYZ 59.2567, 44.9129, 46.1033 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, 146, 175) }
```


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

```
.border{ border-color:rgb(255, 146, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2567, 44.9129, 46.1033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 175) }
```

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

```
.background{ background-color: rgb(255,  
146, 175) }
```

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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