

Converting Colors

XYZ(59.1108, 44.6883, 45.8471)

Have a look what the booklet for
XYZ(59.1108, 44.6883, 45.8471)
contains.

XYZ(59.1033, 44.6059, 46.0522)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.1033, 44.6059,
46.0522)**

Conversions

Conversions Part 1

Format	Color
Hex	FF91AF
RGB	255, 145, 175
RGB Percent	100%, 57%, 69%
CMY	0.0000, 0.4313, 0.3137
CMYK	0.00, 0.43, 0.31, 0.00
HSL	344°, 100%, 78%
HSV	344°, 43%, 100%
XYZ	59.1033, 44.6059, 46.0522
YIQ	181.3100, 55.9300, 32.6500

Conversions

Conversions Part 2

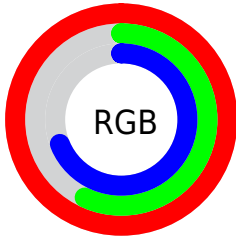
Format	Color
R_{YB}	255, 145, 175
Decimal	16748975
CIE _{Lab}	72.63, 44.74, 2.69
CIE _{LCh}	73, 44.818, 3.435
Yxy	44.6059, 0.3946, 0.2978
Android (android.graphics.Color)	4294939055 (0xFFFF91AF)
YUV	181.3100, -3.1108, 64.6261
Hunter-Lab	66.7876, 41.0840, 5.8690

Details

The XYZ color **59.1033, 44.6059, 46.0522** is a light color, and the websafe version is hex **FF99CC**, and the color name is **baker-miller pink**. A complement of this color would be **61.0296, 82.9769, 84.0377**, and the grayscale version is **44.0849, 46.3808, 50.5087**.

A 20% lighter version of the original color is **76.4096, 68.7465, 84.1051**, and **30.1672, 20.8201, 21.1676** is the 20% darker color. If you saturate the color by 10%, you get **53.9366, 36.9903, 35.9518**, and if you desaturate by 10%, it is **65.3967, 54.0745, 57.7635**.

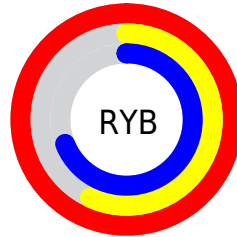
Distribution



Red (100%)

Green (57%)

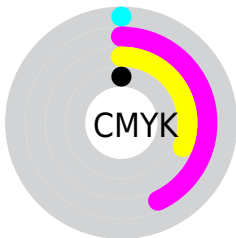
Blue (69%)



Red (100%)

Yellow (57%)

Blue (69%)

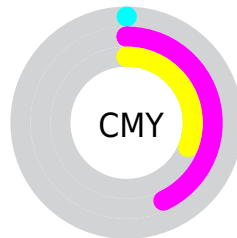


Cyan (0%)

Magenta (43%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1033, 44.6059, 46.0522 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 59.1033, 44.6059, 46.0522 by changing the saturation by 10% instead.


 59.1033, 44.6059,
46.0522


 59.1033, 44.6059,
46.0522


411.1725,
365.1751, 387.3021

 42.9430, 31.1471,
31.9381


 102.6416, 82.1287,
85.6322

 30.0347, 20.7109,
21.0498


 130.7502,
106.9615, 111.9352

 20.0131, 12.9128,
12.9688


163.5723,
136.3545, 143.1381

 12.5129, 7.3686,
7.2766

201.4733,
170.6920, 179.6597

 7.1687, 3.6936,
3.5546

244.8184,
210.3584, 221.9183

 3.6151, 1.5037,
1.3843

293.9731,

 1.4868, 0.2913,

255.7381, 270.3326

0.1295

349.3027,
307.2155, 325.3210

■ 0.3168, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1033, 44.6059,
46.0522

■ 59.1033, 44.6059,
46.0522

■ 53.9366, 36.9903,
35.9518

■ 65.3967, 54.0745,
57.7635

■ 49.8241, 31.0989,
27.3867

■ 72.8769, 65.5011,
71.1513

■ 46.6895, 26.7964,
20.2784

■ 81.6034, 78.9901,
86.2807

■ 44.4441, 23.9242,
14.5400

■ 91.6308, 94.6368,
103.2123

■ 42.9817, 22.2901, 95.0500, 100.0000,
10.0735 108.9000

■ 42.3309, 21.6964,
7.6747

Harmonies

Analogous

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



57.1920, 44.6059, 70.2949



59.1033, 44.6059, 46.0522



56.1073, 44.6059, 28.6223

Triad

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



59.1033, 44.6059, 46.0522



34.6950, 44.6059, 20.9230



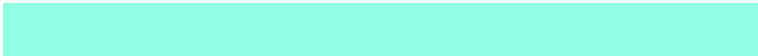
36.0677, 44.6059, 97.6937

Complementary

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



59.1033, 44.6059, 46.0522



61.0296, 82.9769, 84.0377

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.



31.1239, 44.6059, 76.1243



59.1033, 44.6059, 46.0522



30.4019, 44.6059, 31.8546

Square

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



59.1033, 44.6059, 46.0522



41.5087, 44.6059, 17.1811



29.1782, 44.6059, 51.1743



43.2970, 44.6059, 104.9317

Rectangle

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



59.1033, 44.6059, 46.0522



51.9213, 44.6059, 21.6958



29.1782, 44.6059, 51.1743



34.1143, 44.6059, 91.6112

Sweetspot

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



59.1044, 44.6080, 46.0531



81.7297, 79.1862, 86.4965



58.8658, 43.2938, 99.8617



17.0569, 16.2714, 17.7652



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.



59.1044, 44.6080, 46.0531



54.4686, 37.7654, 37.0193



60.5093, 51.6204, 33.5653



18.2128, 18.0684, 19.7379



22.1721, 11.3581, 4.2906



2.2023, 1.1233, 0.6470

Inverse Universe

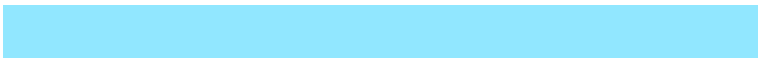
The Inverse Universe completely reimagines the original color for something new.



59.1044, 44.6080, 46.0531



54.4686, 37.7654, 37.0193



58.3512, 70.4863, 105.1375



18.2128, 18.0684, 19.7379



22.1721, 11.3581, 4.2906



2.2023, 1.1233, 0.6470

Previews

White Background



This preview shows how the XYZ color 59.1033, 44.6059, 46.0522 looks on a white background.

Color Contrast Check

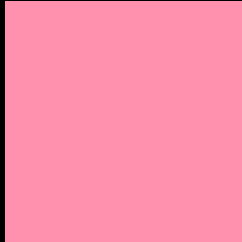
Large Text (above 18pt) WCAG AA × Fail

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 59.1033, 44.6059, 46.0522 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 59.1033, 44.6059, 46.0522

Background



This preview shows how black text looks on a background with the XYZ color 59.1033, 44.6059, 46.0522.



This preview shows how white text looks on a background with the XYZ color 59.1033, 44.6059,

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

59.1033, 44.6059, 46.0522

Protanopia

43.5912, 44.6864, 57.3668

Deuteranopia

45.7525, 44.9315, 44.2914



Tritanopia

57.3559, 44.5657, 38.3799

Trichromacy



Original Color

59.1033, 44.6059, 46.0522



Protanomaly

47.6016, 43.4773, 52.8968



Deuteranomaly

49.7570, 44.2330, 44.9451



Tritanomaly

58.0983, 44.6549, 41.1544

Monochromacy



Original Color

59.1033, 44.6059, 46.0522



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

48.1517, 44.6698, 48.7321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1033, 44.6059, 46.0522 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, 145, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 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, 145, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 175) }
```

Border

The CSS property to change the border of an element to XYZ 59.1033, 44.6059, 46.0522 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, 145, 175) }
```


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

```
.border{ border-color:rgb(255, 145, 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, 145, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1033, 44.6059, 46.0522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 175) }
```

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

```
.background{ background-color: rgb(255,  
145, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor