

Converting Colors

XYZ(59.1987, 45.4029, 45.4446)

Have a look what the booklet for
XYZ(59.1987, 45.4029, 45.4446)
contains.

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Color

**XYZ(59.1029, 45.3066,
45.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	FE94AE
RGB	254, 148, 174
RGB Percent	100%, 58%, 68%
CMY	0.0039, 0.4196, 0.3176
CMYK	0.00, 0.42, 0.31, 0.00
HSL	345°, 98%, 79%
HSV	345°, 42%, 100%
XYZ	59.1029, 45.3066, 45.6744
YIQ	182.6580, 54.8300, 30.5580

Conversions

Conversions Part 2

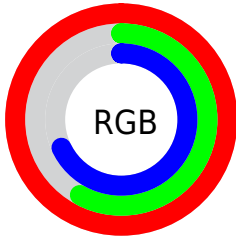
Format	Color
R _Y B	254, 148, 174
Decimal	16684206
CIE Lab	73.09, 42.75, 3.89
CIE LCh	73, 42.924, 5.204
Yxy	45.3066, 0.3938, 0.3019
Android (android.graphics.Color)	4294874286 (0xFFFE94AE)
YUV	182.6580, -4.2684, 62.5669
Hunter-Lab	67.3102, 38.9423, 6.8849

Details

The XYZ color **59.1029, 45.3066, 45.6744** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.6602, 82.7820, 86.1317**, and the grayscale version is **44.8253, 47.1597, 51.3569**.

A 20% lighter version of the original color is **76.9757, 70.1029, 83.6029**, and **30.1107, 21.1917, 20.9157** is the 20% darker color. If you saturate the color by 10%, you get **53.8095, 37.5003, 35.3378**, and if you desaturate by 10%, it is **65.5396, 54.9722, 57.7090**.

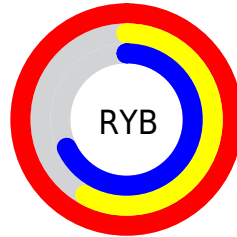
Distribution



Red (100%)

Green (58%)

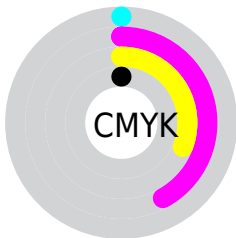
Blue (68%)



Red (100%)

Yellow (58%)

Blue (68%)

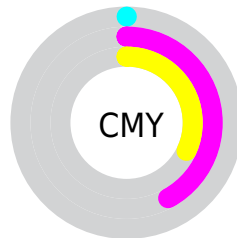


Cyan (0%)

Magenta (42%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1029, 45.3066, 45.6744 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 59.1029, 45.3066, 45.6744 by changing the saturation by 10% instead.


 59.1029, 45.3066,
45.6744


 59.1029, 45.3066,
45.6744


411.1711,
368.0139, 385.7376

 42.9426, 31.6990,
31.6422

 102.6410, 83.1803,
85.0606

 30.0344, 21.1317,
20.8258


 130.7495,
108.2152, 111.2517

 20.0129, 13.2203,
12.8067


163.5715,
137.8280, 142.3328

 12.5128, 7.5804,
7.1664

201.4723,
172.4030, 178.7225

 7.1686, 3.8277,
3.4864

244.8174,
212.3247, 220.8392

 3.6150, 1.5776,
1.3480

293.9719,

 1.4867, 0.3424,

257.9775, 269.1016

0.1007

349.3014,
309.7458, 323.9282

■ 0.3168, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1029, 45.3066,
45.6744

■ 59.1029, 45.3066,
45.6744

■ 53.8095, 37.5003,
35.3378

■ 65.5396, 54.9722,
57.7090

■ 49.5867, 31.4264,
26.6182

■ 73.1790, 66.5996,
71.5123

■ 46.3589, 26.9530,
19.4315

■ 82.0808, 80.2920,
87.1539

■ 44.0386, 23.9258,
13.6842

■ 92.2995, 96.1431,
104.6988

■ 42.5218, 22.1596,
9.2715

94.6831, 99.8108,
108.8828

■ 41.7506, 21.4219,
6.5339

Harmonies

Analogous

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



57.5462, 45.3066, 68.7865



59.1029, 45.3066, 45.6744



55.9717, 45.3066, 29.1250

Triad

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



59.1029, 45.3066, 45.6744



35.2630, 45.3066, 22.6685



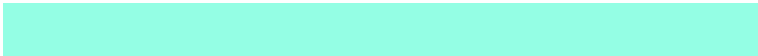
37.2862, 45.3066, 97.2016

Complementary

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



59.1029, 45.3066, 45.6744



61.6602, 82.7820, 86.1317

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.



32.3086, 45.3066, 77.2184



59.1029, 45.3066, 45.6744



31.2392, 45.3066, 33.9408

Square

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



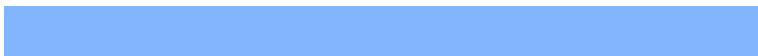
59.1029, 45.3066, 45.6744



41.7660, 45.3066, 18.5449



30.2236, 45.3066, 53.1781



44.3856, 45.3066, 103.0390

Rectangle

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



59.1029, 45.3066, 45.6744



51.8394, 45.3066, 22.5680



30.2236, 45.3066, 53.1781



35.3369, 45.3066, 91.6798

Sweetspot

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



59.1041, 45.3088, 45.6753



81.6015, 79.1349, 85.8218



60.3174, 44.7503, 99.2246



17.0256, 16.2589, 17.6003



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.



59.1041, 45.3088, 45.6753



55.1321, 39.0634, 37.3299



61.4527, 53.6768, 35.1415



18.1920, 18.0601, 19.6283



22.0599, 11.3133, 3.7001



2.1889, 1.1180, 0.5764

Inverse Universe

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



59.1041, 45.3088, 45.6753



55.1321, 39.0634, 37.3299



57.7099, 68.6654, 103.9781



18.1920, 18.0601, 19.6283



22.0599, 11.3133, 3.7001



2.1889, 1.1180, 0.5764

Previews

White Background



This preview shows how the XYZ color 59.1029, 45.3066, 45.6744 looks on a white background.

Color Contrast Check

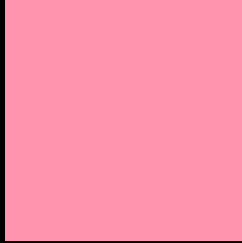
Large Text (above 18pt) WCAG AA × Fail

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 59.1029, 45.3066, 45.6744 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 59.1029, 45.3066, 45.6744

Background



This preview shows how black text looks on a background with the XYZ color 59.1029, 45.3066, 45.6744.



This preview shows how white text looks on a background with the XYZ color 59.1029, 45.3066,

45.6744.

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

59.1029, 45.3066, 45.6744

Protanopia

44.4569, 45.7493, 56.3565

Deuteranopia

46.4791, 45.5919, 44.3806



Tritanopia

57.8474, 45.2685, 39.4070

Trichromacy



Original Color

59.1029, 45.3066, 45.6744

Protanomaly

48.4917, 44.7734, 51.9853

Deuteranomaly

50.3210, 45.0662, 44.5745

Tritanomaly

58.1384, 45.1307, 41.7233

Monochromacy



Original Color

59.1029, 45.3066, 45.6744

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

48.9074, 45.6000, 49.4040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1029, 45.3066, 45.6744 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(254, 148, 174)` looks like.

```
.text, #text, p{  
    color:rgb(254, 148, 174)  
}
```

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(254, 148, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 148, 174) }
```

Border

The CSS property to change the border of an element to XYZ 59.1029, 45.3066, 45.6744 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(254, 148, 174) }
```


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

```
.border{ border-color:rgb(254, 148, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 148, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 148, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 148, 174);  
box-shadow:4px 4px 4px 4px rgb(254, 148,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1029, 45.3066, 45.6744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 148, 174) }
```

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

```
.background{ background-color: rgb(254,  
148, 174) }
```

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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