

Converting Colors

XYZ(59.1325, 45.5028, 52.6279)

Have a look what the booklet for
XYZ(59.1325, 45.5028, 52.6279)
contains.

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Color

**XYZ(59.1414, 45.4067,
52.6610)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FA95BB |
| RGB | 250, 149, 187 |
| RGB Percent | 98%, 58%, 73% |
| CMY | 0.0196, 0.4157, 0.2667 |
| CMYK | 0.00, 0.40, 0.25, 0.02 |
| HSL | 337°, 91%, 78% |
| HSV | 337°, 40%, 98% |
| XYZ | 59.1414, 45.4067, 52.6610 |
| YIQ | 183.5310, 47.9980, 33.2300 |

Conversions

Conversions Part 2

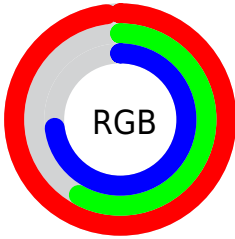
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 250, 149, 187 |
| Decimal | 16422331 |
| CIE _{Lab} | 73.16, 42.56, -3.27 |
| CIE _{LCh} | 73, 42.682, 355.609 |
| Yxy | 45.4067, 0.3762, 0.2888 |
| Android (android.graphics.Color) | 4294612411 (0xFFFA95BB) |
| YUV | 183.5310, 1.7102, 58.2933 |
| Hunter-Lab | 67.3845, 38.7414, 0.8340 |

Details

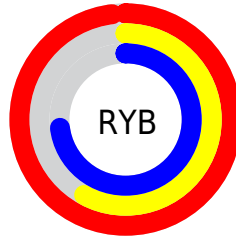
The XYZ color **59.1414, 45.4067, 52.6610** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.4657, 79.5154, 74.5577**, and the grayscale version is **45.2750, 47.6328, 51.8721**.

A 20% lighter version of the original color is **79.2490, 71.3937, 94.3975**, and **29.9718, 21.1633, 25.0595** is the 20% darker color. If you saturate the color by 10%, you get **54.0224, 37.6968, 43.1603**, and if you desaturate by 10%, it is **65.2932, 54.8912, 63.4015**.

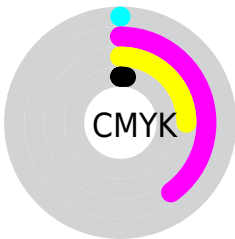
Distribution



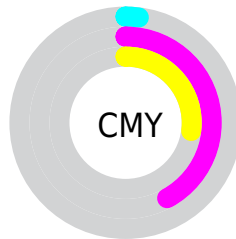
- Red (98%)
- Green (58%)
- Blue (73%)



- Red (98%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (2%)




- Cyan (2%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1414, 45.4067, 52.6610 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 59.1414, 45.4067, 52.6610 by changing the saturation by 10% instead.


 59.1414, 45.4067,
52.6610


 59.1414, 45.4067,
52.6610


411.3114,
368.4182, 414.0125

 42.9738, 31.7779,
37.1463

 102.6966, 83.3304,
95.5418

 30.0590, 21.1919,
25.0241


 130.8149,
108.3940, 123.7451

 20.0316, 13.2644,
15.8759


163.6474,
138.0381, 157.0150

 12.5264, 7.6108,
9.2829

201.5595,
172.6469, 195.7700

 7.1780, 3.8470,
4.8269

244.9167,
212.6050, 240.4287

 3.6210, 1.5883,
2.0891

294.0841,

 1.4900, 0.3497,

258.2966, 291.4097

0.6093

349.4272,
310.1062, 349.1314

■ 0.3190, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1414, 45.4067,
52.6610

■ 59.1414, 45.4067,
52.6610

■ 54.0224, 37.6968,
43.1603

■ 65.2932, 54.8912,
63.4015

■ 49.8717, 31.6429,
34.8479

■ 72.5293, 66.2458,
75.4246

■ 46.6233, 27.1223,
27.6725

■ 80.9024, 79.5671,
88.7745

■ 44.2006, 23.9922,
21.5768

■ 90.4605, 94.9428,
103.4920

■ 42.5130, 22.0823,
16.4971

■ 93.2345, 99.0641,
108.8150

■ 41.4472, 21.1331,
12.4964

Harmonies

Analogous

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



56.1445, 45.4067, 76.5405



59.1414, 45.4067, 52.6610



57.4668, 45.4067, 33.6911

Triad

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



59.1414, 45.4067, 52.6610



37.2361, 45.4067, 20.8257



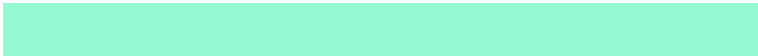
35.5343, 45.4067, 91.8047

Complementary

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



59.1414, 45.4067, 52.6610



58.4657, 79.5154, 74.5577

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.



31.4460, 45.4067, 69.4616



59.1414, 45.4067, 52.6610



32.3459, 45.4067, 29.6361

Square

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



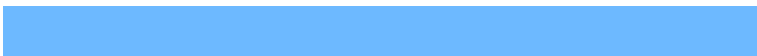
59.1414, 45.4067, 52.6610



44.2681, 45.4067, 18.6974



30.3494, 45.4067, 46.3534



42.0660, 45.4067, 102.9179

Rectangle

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



59.1414, 45.4067, 52.6610



54.0189, 45.4067, 25.4649



30.3494, 45.4067, 46.3534



33.8597, 45.4067, 85.0929

Sweetspot

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



59.1427, 45.4089, 52.6619



83.1308, 80.8376, 90.5115



54.9498, 42.2902, 95.7095



17.5390, 16.8965, 18.9716



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.



59.1427, 45.4089, 52.6619



57.6740, 41.1662, 47.3673



57.5578, 47.9103, 34.6504



17.5147, 17.3332, 19.3002



22.0489, 11.2353, 6.9661



2.0917, 1.0604, 0.9063

Inverse Universe

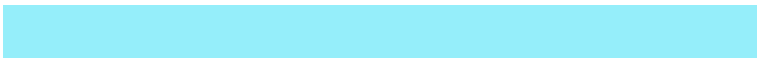
The Inverse Universe completely reimagines the original color for something new.



59.1427, 45.4089, 52.6619



57.6740, 41.1662, 47.3673



60.2889, 74.5683, 101.6583



17.5147, 17.3332, 19.3002



22.0489, 11.2353, 6.9661



2.0917, 1.0604, 0.9063

Previews

White Background



This preview shows how the XYZ color 59.1414, 45.4067, 52.6610 looks on a white background.

Color Contrast Check

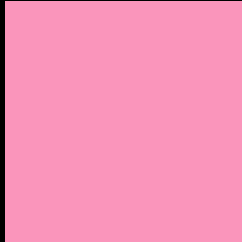
Large Text (above 18pt) WCAG AA × Fail

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 59.1414, 45.4067, 52.6610 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 59.1414, 45.4067, 52.6610

Background



This preview shows how black text looks on a background with the XYZ color 59.1414, 45.4067, 52.6610.



This preview shows how white text looks on a background with the XYZ color 59.1414, 45.4067,

52.6610.

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

59.1414, 45.4067, 52.6610

Protanopia

45.0440, 45.8781, 64.2389

Deuteranopia

46.4482, 45.4268, 51.1199



Tritanopia

56.8035, 45.4193, 40.8949

Trichromacy



Original Color

59.1414, 45.4067, 52.6610



Protanomaly

48.8243, 44.7790, 59.4960



Deuteranomaly

50.4258, 44.9699, 51.3697



Tritanomaly

57.7416, 45.5748, 44.7832

Monochromacy



Original Color

59.1414, 45.4067, 52.6610



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.3323, 46.0385, 52.1852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1414, 45.4067, 52.6610 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(250, 149, 187)` looks like.

```
.text, #text, p{  
    color:rgb(250, 149, 187)  
}
```

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(250, 149, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 149, 187) }
```

Border

The CSS property to change the border of an element to XYZ 59.1414, 45.4067, 52.6610 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(250, 149, 187) }
```


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

```
.border{ border-color:rgb(250, 149, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 149, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 149, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 149, 187);  
box-shadow:4px 4px 4px 4px rgb(250, 149,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1414, 45.4067, 52.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 149, 187) }
```

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

```
.background{ background-color: rgb(250,  
149, 187) }
```

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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