

Converting Colors

XYZ(59.1014, 45.0418, 62.0578)

Have a look what the booklet for
XYZ(59.1014, 45.0418, 62.0578)
contains.

| | |
|--|----|
| XYZ(59.0256, 44.9041, 62.0563) | 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(59.0256, 44.9041,
62.0563)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F594CB |
| RGB | 245, 148, 203 |
| RGB Percent | 96%, 58%, 80% |
| CMY | 0.0392, 0.4196, 0.2039 |
| CMYK | 0.00, 0.40, 0.17, 0.04 |
| HSL | 326°, 83%, 77% |
| HSV | 326°, 40%, 96% |
| XYZ | 59.0256, 44.9041, 62.0563 |
| YIQ | 183.2730, 40.1570, 37.6690 |

Conversions

Conversions Part 2

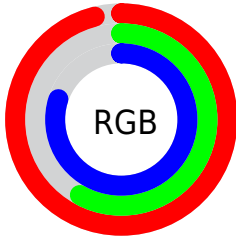
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 245, 148, 203 |
| Decimal | 16094411 |
| CIE Lab | 72.83, 43.70, -12.67 |
| CIE LCh | 73, 45.500, 343.835 |
| Yxy | 44.9041, 0.3556, 0.2705 |
| Android (android.graphics.Color) | 4294284491 (0xFFFF594CB) |
| YUV | 183.2730, 9.7254, 54.1346 |
| Hunter-Lab | 67.0105, 39.9617, -7.9992 |

Details

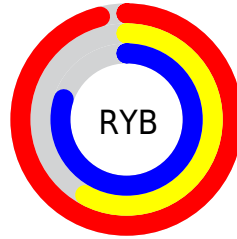
The XYZ color **59.0256, 44.9041, 62.0563** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.1614, 75.3197, 60.4022**, and the grayscale version is **45.0936, 47.4420, 51.6644**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **30.0105, 20.9191, 30.8898** is the 20% darker color. If you saturate the color by 10%, you get **54.3603, 37.5276, 54.4757**, and if you desaturate by 10%, it is **64.5933, 53.9459, 70.3655**.

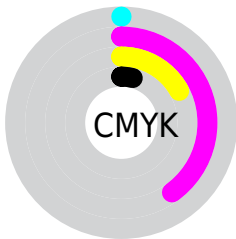
Distribution



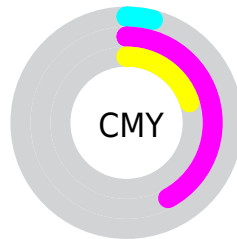
- Red (96%)
- Green (58%)
- Blue (80%)



- Red (96%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (40%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0256, 44.9041, 62.0563 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 59.0256, 44.9041, 62.0563 by changing the saturation by 10% instead.


 59.0256, 44.9041,
62.0563


 59.0256, 44.9041,
62.0563


410.8893,
366.3850, 450.1497

 42.8802, 31.3819,
44.6421

 102.5293, 82.5765,
109.3793

 29.9852, 20.8898,
30.8347


 130.6183,
107.4955, 140.1252

 19.9754, 13.0435,
20.2156


163.4191,
136.9821, 176.1520

 12.4853, 7.4585,
12.3662

201.2972,
171.4209, 217.8784

 7.1496, 3.7505,
6.8681

244.6180,
211.1962, 265.7228

 3.6030, 1.5350,
3.3025

293.7466,

 1.4801, 0.3132,

256.6924, 320.1038

1.2511

349.0486,
308.2939, 381.4399

■ 0.3122, 0.0000,
0.0212

■ 0.0000, 0.0000,
0.0000

■ 59.0256, 44.9041,
62.0563

■ 59.0256, 44.9041,
62.0563

■ 54.3603, 37.5276,
54.4757

■ 64.5933, 53.9459,
70.3655

■ 50.5400, 31.7059,
47.5947

■ 71.1084, 64.7417,
79.4251

■ 47.5065, 27.3249,
41.3857

■ 78.6173, 77.3815,
89.2592

■ 45.1921, 24.2522,
35.8170

■ 87.1623, 91.9474,
99.8895

■ 43.5165, 22.3303,
30.8525

■ 91.4665, 98.1526,
108.7323

■ 42.3530, 21.3087,
26.4404

■ 42.3103, 21.2741,
26.2689

Harmonies

Analogous

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



54.1092, 44.9041, 87.5441



59.0256, 44.9041, 62.0563



59.2247, 44.9041, 39.1956

Triad

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



59.0256, 44.9041, 62.0563



39.1440, 44.9041, 17.6126



32.6182, 44.9041, 85.7090

Complementary

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



59.0256, 44.9041, 62.0563



54.1614, 75.3197, 60.4022

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.



29.5449, 44.9041, 60.0708



59.0256, 44.9041, 62.0563



32.9854, 44.9041, 23.7144

Square

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



59.0256, 44.9041, 62.0563



47.0579, 44.9041, 17.8459



29.6704, 44.9041, 37.7365



38.5824, 44.9041, 103.8253

Rectangle

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



59.0256, 44.9041, 62.0563



56.6076, 44.9041, 28.4218



29.6704, 44.9041, 37.7365



31.2476, 44.9041, 77.3913

Sweetspot

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



59.0269, 44.9062, 62.0572



83.9927, 81.1824, 95.0504



47.9152, 38.5192, 91.2964



17.7416, 16.9775, 20.0383



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.



59.0269, 44.9062, 62.0572



60.2335, 42.1900, 60.8455



54.2556, 42.9977, 36.9318



16.8928, 16.6400, 19.1819



22.8641, 11.4891, 14.5244



2.0610, 1.0304, 1.5478

Inverse Universe

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



59.0269, 44.9062, 62.0572



60.2335, 42.1900, 60.8455



60.1406, 77.7114, 91.8879



16.8928, 16.6400, 19.1819



22.8641, 11.4891, 14.5244



2.0610, 1.0304, 1.5478

Previews

White Background



This preview shows how the XYZ color 59.0256, 44.9041, 62.0563 looks on a white background.

Color Contrast Check

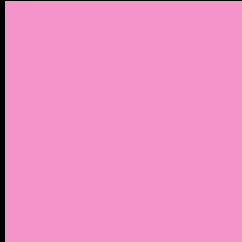
Large Text (above 18pt) WCAG AA × Fail

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 59.0256, 44.9041, 62.0563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

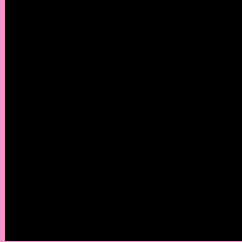
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0256, 44.9041, 62.0563

Background



This preview shows how black text looks on a background with the XYZ color 59.0256, 44.9041, 62.0563.



This preview shows how white text looks on a background with the XYZ color 59.0256, 44.9041,

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

59.0256, 44.9041, 62.0563

Protanopia

45.1899, 45.0968, 76.1348

Deuteranopia

46.0681, 45.0407, 59.6918



Tritanopia

54.9720, 44.9335, 42.3349

Trichromacy



Original Color

59.0256, 44.9041, 62.0563



Protanomaly

48.7958, 43.9661, 70.8802



Deuteranomaly

50.1750, 44.6357, 60.6146



Tritanomaly

56.0844, 44.6290, 48.8383

Monochromacy



Original Color

59.0256, 44.9041, 62.0563



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

49.1226, 45.5890, 54.9257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0256, 44.9041, 62.0563 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(245, 148, 203)` looks like.

```
.text, #text, p{  
    color:rgb(245, 148, 203)  
}
```

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(245, 148, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 148, 203) }
```

Border

The CSS property to change the border of an element to XYZ 59.0256, 44.9041, 62.0563 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(245, 148, 203) }
```


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

```
.border{ border-color:rgb(245, 148, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 148, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 148, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 148, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 148,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0256, 44.9041, 62.0563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 148, 203) }
```

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

```
.background{ background-color: rgb(245,  
148, 203) }
```

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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