

Converting Colors

XYZ(59.8951, 46.0372, 78.7854)

Have a look what the booklet for
XYZ(59.8951, 46.0372, 78.7854)
contains.

XYZ(59.8239, 45.8908, 79.1035)	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(59.8239, 45.8908,
79.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	EC98E4
RGB	236, 152, 228
RGB Percent	93%, 60%, 89%
CMY	0.0745, 0.4039, 0.1059
CMYK	0.00, 0.36, 0.03, 0.07
HSL	306°, 69%, 76%
HSV	306°, 36%, 93%
XYZ	59.8239, 45.8908, 79.1035
YIQ	185.7800, 25.6680, 41.4440

Conversions

Conversions Part 2

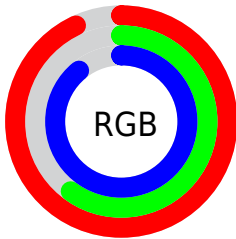
Format	Color
R _Y B	236, 152, 228
Decimal	15505636
CIE Lab	73.47, 42.83, -25.53
CIE LCh	73, 49.862, 329.205
Yxy	45.8908, 0.3237, 0.2483
Android (android.graphics.Color)	4293695716 (0xFFEC98E4)
YUV	185.7800, 20.8145, 44.0429
Hunter-Lab	67.7427, 39.0843, -21.8133

Details

The XYZ color **59.8239, 45.8908, 79.1035** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.2915, 69.2059, 44.0206**, and the grayscale version is **46.4276, 48.8455, 53.1927**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **30.4986, 21.4859, 41.5695** is the 20% darker color. If you saturate the color by 10%, you get **56.0583, 38.8548, 76.3190**, and if you desaturate by 10%, it is **64.3585, 54.4565, 82.1653**.

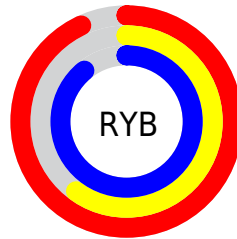
Distribution



Red (93%)

Green (60%)

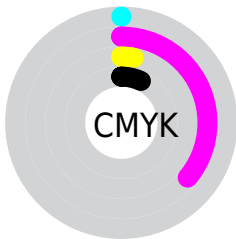
Blue (89%)



Red (93%)

Yellow (60%)

Blue (89%)

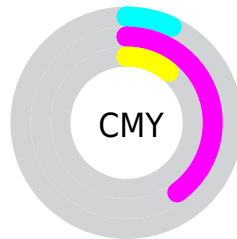


Cyan (0%)

Magenta (36%)

Yellow (3%)

Black (7%)



Cyan (7%)


Magenta (40%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8239, 45.8908, 79.1035 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 59.8239, 45.8908, 79.1035 by changing the saturation by 10% instead.


 59.8239, 45.8908,
79.1035


 59.8239, 45.8908,
79.1035


413.7935,
370.3695, 511.5333

 43.5256, 32.1597,
58.4591

 103.6820, 84.0555,
133.9045

 30.4941, 21.4835,
41.7607


 131.9725,
109.2579, 168.8983

 20.3638, 13.4779,
28.5898


164.9911,
139.0529, 209.5122

 12.7696, 7.7584,
18.5278

203.1032,
173.8247, 256.1648

 7.3460, 3.9408,
11.1562

246.6741,
213.9579, 309.2747

 3.7276, 1.6405,
6.0565

296.0693,

 1.5492, 0.3847,

259.8369, 369.2603

2.8101

351.6539,
311.8459, 436.5404

■ 0.3590, 0.0000,
0.9985

■ 0.0000, 0.0000,
0.0000

■ 59.8239, 45.8908,
79.1035

■ 59.8239, 45.8908,
79.1035

■ 56.0583, 38.8548,
76.3190

■ 64.3585, 54.4565,
82.1653

■ 53.0118, 33.2516,
73.7938

■ 69.6995, 64.6292,
85.5154

■ 50.6357, 28.9827,
71.5118

■ 75.8869, 76.4882,
89.1679

■ 48.8731, 25.9345,
69.4542

■ 82.9569, 90.1059,
93.1348

47.6580, 23.9748,
67.5988

85.9680, 95.5993,
95.7691

46.9088, 22.9403,
65.9183

86.3027, 95.7332,
97.5316

46.6692, 22.6638,
65.2139

86.6416, 95.8687,
99.3160

86.9846, 96.0059,
101.1223

87.3318, 96.1448,
102.9505

Harmonies

Analogous

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



52.4043, 45.8908, 105.3128



59.8239, 45.8908, 79.1035



62.8149, 45.8908, 50.6424

Triad

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



59.8239, 45.8908, 79.1035



43.8529, 45.8908, 15.4915



30.4546, 45.8908, 77.5328

Complementary

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



59.8239, 45.8908, 79.1035



49.2915, 69.2059, 44.0206

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.



28.7944, 45.8908, 49.2982



59.8239, 45.8908, 79.1035



35.8728, 45.8908, 18.4852

Square

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



59.8239, 45.8908, 79.1035



52.8650, 45.8908, 18.8337



30.6396, 45.8908, 29.0404



35.5172, 45.8908, 104.2119

Rectangle

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



59.8239, 45.8908, 79.1035



61.6239, 45.8908, 35.6638



30.6396, 45.8908, 29.0404



29.5129, 45.8908, 67.6600

Sweetspot

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



59.8254, 45.8928, 79.1045



86.3182, 83.2199, 103.8820



40.6688, 35.8859, 84.1411



18.2641, 17.4074, 22.1094



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.



59.8254, 45.8928, 79.1045



67.8327, 48.1834, 91.7564



54.7917, 43.8794, 52.5976



15.6494, 15.2876, 18.7048



25.7510, 12.5031, 36.0859



2.0401, 0.9890, 2.9286

Inverse Universe

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



59.8254, 45.8928, 79.1045



67.8327, 48.1834, 91.7564



53.4887, 70.8848, 66.1232



15.6494, 15.2876, 18.7048



25.7510, 12.5031, 36.0859



2.0401, 0.9890, 2.9286

Previews

White Background



This preview shows how the XYZ color 59.8239, 45.8908, 79.1035 looks on a white background.

Color Contrast Check

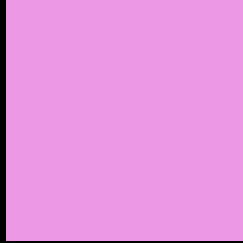
Large Text (above 18pt) WCAG AA × Fail

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 59.8239, 45.8908, 79.1035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

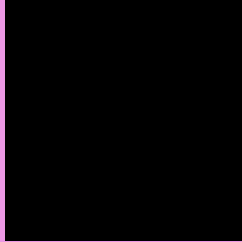
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8239, 45.8908, 79.1035

Background



This preview shows how black text looks on a background with the XYZ color 59.8239, 45.8908, 79.1035.



This preview shows how white text looks on a background with the XYZ color 59.8239, 45.8908,

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

59.8239, 45.8908, 79.1035

Protanopia

47.5616, 46.1952, 95.2167

Deuteranopia

47.1729, 46.1191, 76.2276



Tritanopia

53.1482, 45.9475, 46.6250

Trichromacy



Original Color

59.8239, 45.8908, 79.1035



Protanomaly

50.8042, 45.4182, 89.3080



Deuteranomaly

50.8819, 45.4473, 77.3246



Tritanomaly

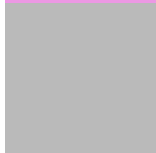
55.4145, 45.8471, 56.9677

Monochromacy



Original Color

59.8239, 45.8908, 79.1035



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.5805, 47.3265, 61.7274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8239, 45.8908, 79.1035 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(236, 152, 228)` looks like.

```
.text, #text, p{  
    color:rgb(236, 152, 228)  
}
```

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(236, 152, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 152, 228) }
```

Border

The CSS property to change the border of an element to XYZ 59.8239, 45.8908, 79.1035 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(236, 152, 228) }
```


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

```
.border{ border-color:rgb(236, 152, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 152, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 152, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 152, 228);  
box-shadow:4px 4px 4px 4px rgb(236, 152,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8239, 45.8908, 79.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 152, 228) }
```

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

```
.background{ background-color: rgb(236,  
152, 228) }
```

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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