

Converting Colors

XYZ(35.9059, 18.4746, 12.9823)

Have a look what the booklet for
XYZ(35.9059, 18.4746, 12.9823)
contains.

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Color

**XYZ(35.9059, 18.4746,
12.9828)**

Conversions

Conversions Part 1

Format	Color
Hex	E90D61
RGB	233, 13, 97
RGB Percent	91%, 5%, 38%
CMY	0.0863, 0.9488, 0.6196
CMYK	0.00, 0.94, 0.58, 0.09
HSL	337°, 89%, 48%
HSV	337°, 94%, 91%
XYZ	35.9059, 18.4746, 12.9828
YIQ	88.3560, 104.1560, 72.7640

Conversions

Conversions Part 2

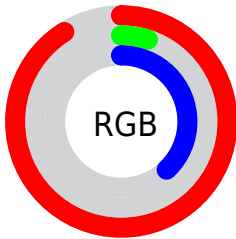
Format	Color
R_{YB}	233, 13, 97
Decimal	15273313
CIE Lab	50.07, 76.68, 15.47
CIE LCh	50, 78.222, 11.406
Yxy	18.4746, 0.5330, 0.2743
Android (android.graphics.Color)	4293463393 (0xFFE90D61)
YUV	88.3560, 4.2615, 126.8528
Hunter-Lab	42.9821, 73.8947, 12.1788

Details

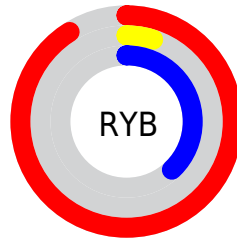
The XYZ color **35.9059, 18.4746, 12.9828** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **34.7341, 60.5349, 38.3075**, and the grayscale version is **9.3344, 9.8205, 10.6945**.

A 20% lighter version of the original color is **50.7812, 31.9160, 31.0877**, and **17.1751, 8.7851, 3.9224** is the 20% darker color. If you saturate the color by 10%, you get **35.4044, 18.0437, 11.0530**, and if you desaturate by 10%, it is **37.1373, 19.7632, 17.0141**.

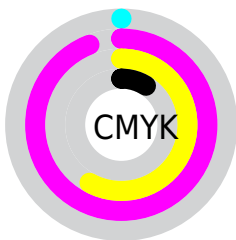
Distribution



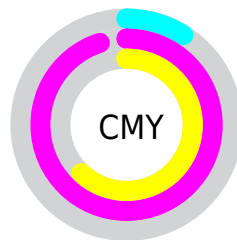
- Red (91%)
- Green (5%)
- Blue (38%)



- Red (91%)
- Yellow (5%)
- Blue (38%)



- Cyan (0%)
- Magenta (94%)
- Yellow (58%)
- Black (9%)





- Cyan (9%)
- Magenta (95%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9059, 18.4746, 12.9828 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 35.9059, 18.4746, 12.9828 by changing the saturation by 10% instead.


 35.9059, 18.4746,
12.9828

 35.9059, 18.4746,
12.9828


319.9875,
243.5327, 222.0114


 24.5313, 11.2913,
7.2861


 68.2116, 40.8444,
31.9636

 15.8551, 6.2631,
3.5605


 89.8735, 56.7996,
46.0848


 9.5119, 3.0057,
1.3875


 115.6951, 76.4476,
63.8513

 5.1363, 1.1347,
0.1319

 146.0418,
100.1728, 85.6815

 2.3630, 0.0074,
0.0000

 181.2791,
128.3594, 111.9941

 0.8266, 0.0000,
0.0000

 221.7722,

 0.0000, 0.0000,

161.3921, 143.2076

0.0000

267.8866,
199.6550, 179.7405

■ 35.9059, 18.4746,
12.9828

■ 35.9059, 18.4746,
12.9828

■ 35.4044, 18.0437,
11.0530

■ 37.1373, 19.7632,
17.0141

■ 38.9555, 22.0201,
21.8729

■ 41.4434, 25.4022,
27.6151

■ 44.6689, 30.0370,
34.2899

■ 48.6915, 36.0348,
41.9420

■ 53.5638, 43.4937,
50.6127

■ 59.3340, 52.5026,
60.3407

■ 66.0466, 63.1433,
71.1625

■ 73.7430, 75.4918,
83.1127

Harmonies

Analogous

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



35.1548, 18.4746, 36.4341



35.9059, 18.4746, 12.9828



30.8023, 18.4746, 3.2709

Triad

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



35.9059, 18.4746, 12.9828



9.6226, 18.4746, 2.2940



13.3380, 18.4746, 90.5051

Complementary

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



35.9059, 18.4746, 12.9828



34.7341, 60.5349, 38.3075

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.



8.7889, 18.4746, 61.8581



35.9059, 18.4746, 12.9828



7.1055, 18.4746, 9.5840

Square

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



35.9059, 18.4746, 12.9828



14.8506, 18.4746, 0.6743



6.8517, 18.4746, 29.4746



20.5795, 18.4746, 94.2195

Rectangle

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



35.9059, 18.4746, 12.9828



25.4352, 18.4746, 1.2590



6.8517, 18.4746, 29.4746



11.5047, 18.4746, 82.8518

Sweetspot

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



35.9064, 18.4757, 12.9831



70.0369, 60.0708, 69.4344



27.1895, 12.5322, 78.0764



14.3431, 11.8481, 13.7649



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.



35.9064, 18.4757, 12.9831



43.4131, 22.1292, 13.3732



34.3931, 18.7848, 2.1955



15.3034, 15.1492, 16.8828



20.1452, 10.2608, 6.5659



1.6275, 0.8240, 0.7558

Inverse Universe

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



35.9064, 18.4757, 12.9831



43.4131, 22.1292, 13.3732



37.2696, 50.7590, 84.9236



15.3034, 15.1492, 16.8828



20.1452, 10.2608, 6.5659



1.6275, 0.8240, 0.7558

Previews

White Background



This preview shows how the XYZ color 35.9059, 18.4746, 12.9828 looks on a white background.

Color Contrast Check

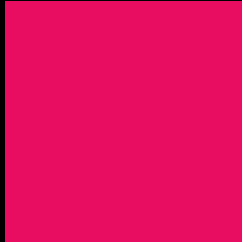
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9059, 18.4746, 12.9828 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 × Fail

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

XYZ 35.9059, 18.4746, 12.9828

Background



This preview shows how black text looks on a background with the XYZ color 35.9059, 18.4746, 12.9828.



This preview shows how white text looks on a background with the XYZ color 35.9059, 18.4746,

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

35.9059, 18.4746, 12.9828

Protanopia

18.6070, 18.8297, 27.8531

Deuteranopia

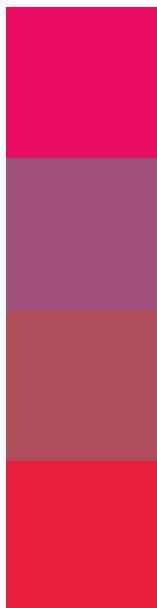
19.1787, 18.7892, 11.6327



Tritanopia

34.0800, 18.6530, 3.7236

Trichromacy



Original Color

35.9059, 18.4746, 12.9828

Protanomaly

20.8684, 14.5889, 21.1181

Deuteranomaly

22.5172, 15.4342, 11.6898

Tritanomaly

34.5586, 18.4106, 6.0071

Monochromacy



Original Color

35.9059, 18.4746, 12.9828

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

14.5416, 9.7555, 11.0141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9059, 18.4746, 12.9828 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(233, 13, 97)` looks like.

```
.text, #text, p{  
    color:rgb(233, 13, 97)  
}
```

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(233, 13, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 13, 97) }
```

Border

The CSS property to change the border of an element to XYZ 35.9059, 18.4746, 12.9828 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(233, 13, 97) }
```


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

```
.border{ border-color:rgb(233, 13, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 13, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 13, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 13, 97);  
box-shadow:4px 4px 4px 4px rgb(233, 13,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9059, 18.4746, 12.9828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 13, 97) }
```

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

```
.background{ background-color: rgb(233, 13,  
97) }
```

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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