

Converting Colors

XYZ(35.9240, 18.5813, 14.3539)

Have a look what the booklet for
XYZ(35.9240, 18.5813, 14.3539)
contains.

XYZ(35.9099, 18.5809, 14.2642)	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(35.9099, 18.5809,
14.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	E81366
RGB	232, 19, 102
RGB Percent	91%, 7%, 40%
CMY	0.0902, 0.9253, 0.6000
CMYK	0.00, 0.92, 0.56, 0.09
HSL	337°, 85%, 49%
HSV	337°, 92%, 91%
XYZ	35.9099, 18.5809, 14.2642
YIQ	92.1490, 100.3050, 70.9690

Conversions

Conversions Part 2

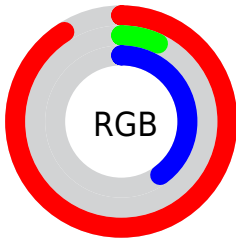
Format	Color
RYB	232, 19, 102
Decimal	15209318
CIELab	50.19, 76.15, 12.55
CIElCh	50, 77.173, 9.359
Yxy	18.5809, 0.5223, 0.2702
Android (android.graphics.Color)	4293399398 (0xFFE81366)
YUV	92.1490, 4.8565, 122.6493
Hunter-Lab	43.1056, 73.2680, 10.5541

Details

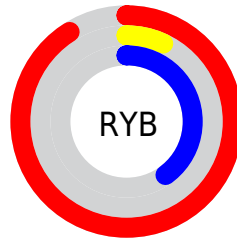
The XYZ color **35.9099, 18.5809, 14.2642** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **34.5534, 60.0229, 38.2130**, and the grayscale version is **10.1843, 10.7147, 11.6683**.

A 20% lighter version of the original color is **51.3575, 32.2953, 33.6638**, and **17.0760, 8.7205, 4.5246** is the 20% darker color. If you saturate the color by 10%, you get **35.1403, 17.9004, 11.3610**, and if you desaturate by 10%, it is **37.2768, 20.0932, 18.4862**.

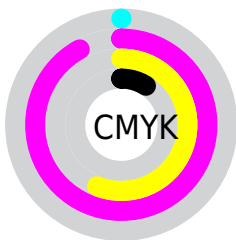
Distribution



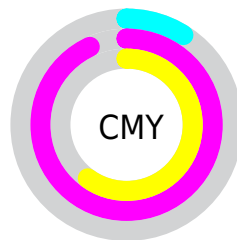
- Red (91%)
- Green (7%)
- Blue (40%)



- Red (91%)
- Yellow (7%)
- Blue (40%)



- Cyan (0%)
- Magenta (92%)
- Yellow (56%)
- Black (9%)




- Cyan (9%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9099, 18.5809, 14.2642 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 35.9099, 18.5809, 14.2642 by changing the saturation by 10% instead.


 35.9099, 18.5809,
14.2642


 35.9099, 18.5809,
14.2642


320.0047,
244.1252, 230.3536


 24.5344, 11.3678,
8.1638


 68.2178, 41.0247,
34.2809

 15.8574, 6.3148,
4.1107


 89.8808, 57.0242,
49.0343


 9.5135, 3.0374,
1.6863


 115.7038, 76.7214,
67.5092

 5.1374, 1.1513,
0.3513

 146.0520,
100.5006, 90.1240

 2.3637, 0.0214,
0.0000

 181.2909,
128.7461, 117.2973

 0.8270, 0.0000,
0.0000

 221.7857,

 0.0000, 0.0000,

161.8425, 149.4476

0.0000

267.9018,
200.1741, 186.9935

■ 35.9099, 18.5809,
14.2642

■ 35.9099, 18.5809,
14.2642

■ 35.1403, 17.9004,
11.3610

■ 37.2768, 20.0932,
18.4862

■ 39.2451, 22.6070,
23.5285

■ 41.8920, 26.2686,
29.4432

■ 45.2822, 31.1989,
36.2764

■ 49.4720, 37.5035,
44.0703

■ 54.5124, 45.2766,
52.8642

■ 60.4496, 54.6043,
62.6946

■ 67.3267, 65.5658,
73.5965

■ 75.1837, 78.2349,
85.6026

Harmonies

Analogous

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



34.7523, 18.5809, 38.4219



35.9099, 18.5809, 14.2642



31.2197, 18.5809, 3.7697

Triad

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



35.9099, 18.5809, 14.2642



10.0422, 18.5809, 2.1980



13.0752, 18.5809, 88.0696

Complementary

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



35.9099, 18.5809, 14.2642



34.5534, 60.0229, 38.2130

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.



8.7360, 18.5809, 59.0166



35.9099, 18.5809, 14.2642



7.3580, 18.5809, 8.9384

Square

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



35.9099, 18.5809, 14.2642



15.4311, 18.5809, 0.7267



6.9587, 18.5809, 27.6666



20.0951, 18.5809, 93.7551

Rectangle

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



35.9099, 18.5809, 14.2642



26.0174, 18.5809, 1.4798



6.9587, 18.5809, 27.6666



11.3174, 18.5809, 80.0713

Sweetspot

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



35.9104, 18.5820, 14.2645



70.1075, 60.0990, 69.8066



26.7982, 12.4790, 77.3399



14.3599, 11.8548, 13.8530



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.



35.9104, 18.5820, 14.2645



43.5084, 22.1674, 13.8755



34.1665, 18.7430, 2.4347



14.6083, 14.4605, 16.1376



19.5660, 9.9606, 6.6096



1.4903, 0.7538, 0.7226

Inverse Universe

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



35.9104, 18.5820, 14.2645



43.5084, 22.1674, 13.8755



38.0553, 52.4062, 84.4533



14.6083, 14.4605, 16.1376



19.5660, 9.9606, 6.6096



1.4903, 0.7538, 0.7226

Previews

White Background



This preview shows how the XYZ color 35.9099, 18.5809, 14.2642 looks on a white background.

Color Contrast Check

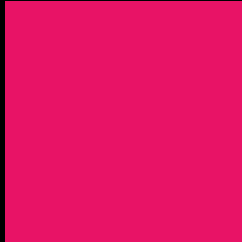
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9099, 18.5809, 14.2642 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 35.9099, 18.5809, 14.2642

Background



This preview shows how black text looks on a background with the XYZ color 35.9099, 18.5809, 14.2642.

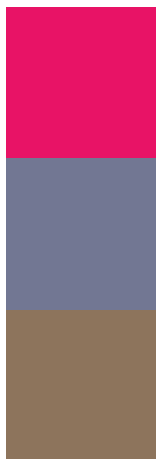


This preview shows how white text looks on a background with the XYZ color 35.9099, 18.5809,

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

35.9099, 18.5809, 14.2642

Protanopia

18.8027, 18.8776, 30.2565

Deuteranopia

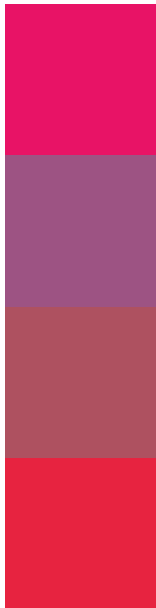
19.1617, 18.9262, 12.7684



Tritanopia

33.9699, 18.7988, 4.1236

Trichromacy



Original Color

35.9099, 18.5809, 14.2642

Protanomaly

21.0946, 14.9933, 23.2549

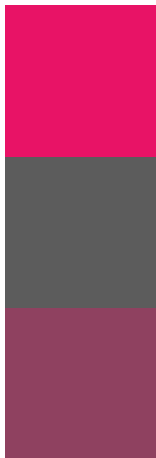
Deuteranomaly

22.5093, 15.7281, 12.9158

Tritanomaly

34.4814, 18.5612, 6.6158

Monochromacy



Original Color

35.9099, 18.5809, 14.2642

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

15.3293, 10.4648, 12.2783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9099, 18.5809, 14.2642 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(232, 19, 102)` looks like.

```
.text, #text, p{  
    color:rgb(232, 19, 102)  
}
```

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(232, 19, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 19, 102) }
```

Border

The CSS property to change the border of an element to XYZ 35.9099, 18.5809, 14.2642 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(232, 19, 102) }
```


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

```
.border{ border-color:rgb(232, 19, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 19, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 19, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 19, 102);  
box-shadow:4px 4px 4px 4px rgb(232, 19,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9099, 18.5809, 14.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 19, 102) }
```

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

```
.background{ background-color: rgb(232, 19,  
102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor