

Converting Colors

XYZ(34.5804, 18.3065, 14.3282)

Have a look what the booklet for
XYZ(34.5804, 18.3065, 14.3282)
contains.

XYZ(34.5933, 18.3232, 14.2838)	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(34.5933, 18.3232,
14.2838)**

Conversions

Conversions Part 1

Format	Color
Hex	E32066
RGB	227, 32, 102
RGB Percent	89%, 13%, 40%
CMY	0.1098, 0.8744, 0.6000
CMYK	0.00, 0.86, 0.55, 0.11
HSL	338°, 78%, 51%
HSV	338°, 86%, 89%
XYZ	34.5933, 18.3232, 14.2838
YIQ	98.2850, 93.7500, 63.1100

Conversions

Conversions Part 2

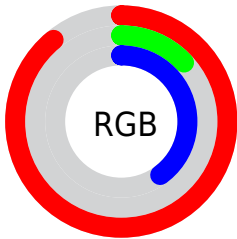
Format	Color
R_{YB}	227, 32, 102
Decimal	14884966
CIE _{Lab}	49.89, 73.00, 11.97
CIE _{LCh}	50, 73.974, 9.315
Yxy	18.3232, 0.5148, 0.2727
Android (android.graphics.Color)	4293075046 (0xFFE32066)
YUV	98.2850, 1.8315, 112.8831
Hunter-Lab	42.8056, 69.3447, 10.1794

Details

The XYZ color **34.5933, 18.3232, 14.2838** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **34.1528, 57.6803, 41.2409**, and the grayscale version is **11.6622, 12.2695, 13.3615**.

A 20% lighter version of the original color is **51.7411, 33.0627, 33.7917**, and **16.0237, 8.1780, 4.4754** is the 20% darker color. If you saturate the color by 10%, you get **33.5182, 17.2286, 10.6718**, and if you desaturate by 10%, it is **36.2160, 20.3106, 18.7037**.

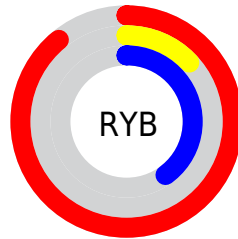
Distribution



Red (89%)

Green (13%)

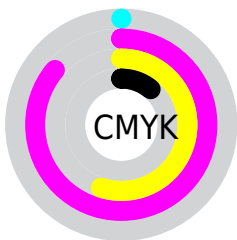
Blue (40%)



Red (89%)

Yellow (13%)

Blue (40%)

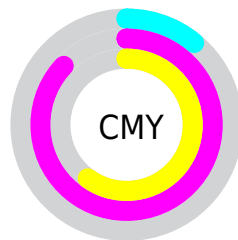


Cyan (0%)

Magenta (86%)

Yellow (55%)

Black (11%)



Cyan (11%)


Magenta (87%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5933, 18.3232, 14.2838 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 34.5933, 18.3232, 14.2838 by changing the saturation by 10% instead.


 34.5933, 18.3232,
14.2838


 34.5933, 18.3232,
14.2838


314.3091,
242.6865, 230.4788


 23.5148, 11.1823,
8.1773


 66.1934, 40.5873,
34.3161


 15.0969, 6.1896,
4.1192


 87.4458, 56.4792,
49.0790


 8.9742, 2.9607,
1.6910


 112.8201, 76.0570,
67.5644

 4.7813, 1.1112,
0.3545

 142.6818, 99.7049,
90.1910

 2.1530, 0.0000,
0.0000

 177.3962,
127.8075, 117.3771

 0.7178, 0.0000,
0.0000

 217.3286,

 0.0000, 0.0000,

160.7490, 149.5414

0.0000

262.8445,
198.9138, 187.1025

■ 34.5933, 18.3232,
14.2838

■ 34.5933, 18.3232,
14.2838

■ 33.5182, 17.2286,
10.6718

■ 36.2160, 20.3106,
18.7037

■ 33.1813, 16.9320,
9.3970

■ 38.4657, 23.3393,
23.9879

■ 41.4090, 27.5331,
30.1870

■ 45.1029, 32.9978,
37.3468

■ 49.5983, 39.8271,
45.5094

■ 54.9416, 48.1056,
54.7143

■ 61.1754, 57.9113,
64.9986

■ 68.3394, 69.3164,
76.3975

■ 76.4708, 82.3884,
88.9444

Harmonies

Analogous

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



33.5022, 18.3232, 37.1281



34.5933, 18.3232, 14.2838



30.2093, 18.3232, 4.0438

Triad

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



34.5933, 18.3232, 14.2838



10.1378, 18.3232, 2.4372



13.0372, 18.3232, 83.1395

Complementary

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



34.5933, 18.3232, 14.2838



34.1528, 57.6803, 41.2409

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.



8.8659, 18.3232, 56.2351



34.5933, 18.3232, 14.2838



7.5343, 18.3232, 9.1074

Square

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



34.5933, 18.3232, 14.2838



15.3044, 18.3232, 0.9097



7.1421, 18.3232, 26.9478



19.7126, 18.3232, 88.4232

Rectangle

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



34.5933, 18.3232, 14.2838



25.3248, 18.3232, 1.6992



7.1421, 18.3232, 26.9478



11.3529, 18.3232, 75.7448

Sweetspot

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



34.5938, 18.3243, 14.2841



71.3194, 62.3048, 70.8827



27.9973, 13.5991, 73.8219



14.7210, 12.4884, 14.2468



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.



34.5938, 18.3243, 14.2841



43.1509, 22.0244, 11.9926



33.4534, 19.4632, 3.3616



14.5896, 14.4530, 16.0395



19.4023, 9.8951, 5.7475



1.4769, 0.7485, 0.6520

Inverse Universe

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



34.5938, 18.3243, 14.2841



43.1509, 22.0244, 11.9926



35.3486, 47.6278, 80.0027



14.5896, 14.4530, 16.0395



19.4023, 9.8951, 5.7475



1.4769, 0.7485, 0.6520

Previews

White Background



This preview shows how the XYZ color 34.5933, 18.3232, 14.2838 looks on a white 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

Black Background



This preview shows how the XYZ color 34.5933, 18.3232, 14.2838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

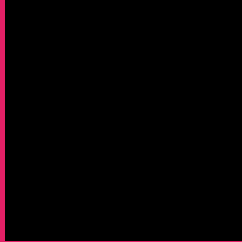
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5933, 18.3232, 14.2838

Background



This preview shows how black text looks on a background with the XYZ color 34.5933, 18.3232, 14.2838.

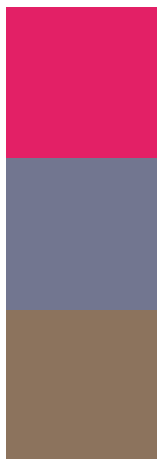


This preview shows how white text looks on a background with the XYZ color 34.5933, 18.3232,

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

34.5933, 18.3232, 14.2838

Protanopia

18.4519, 18.5479, 28.9931

Deuteranopia

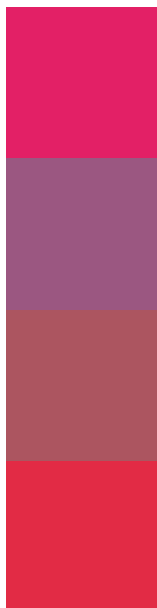
18.9217, 18.6272, 12.9541



Tritanopia

32.7254, 18.4345, 4.8510

Trichromacy



Original Color

34.5933, 18.3232, 14.2838

Protanomaly

20.8882, 15.3699, 22.6346

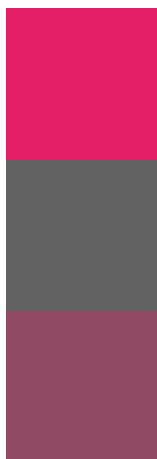
Deuteranomaly

22.3731, 16.1122, 12.9971

Tritanomaly

33.3021, 18.3262, 7.4123

Monochromacy



Original Color

34.5933, 18.3232, 14.2838

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

16.3780, 11.8182, 13.2223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5933, 18.3232, 14.2838 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(227, 32, 102)` looks like.

```
.text, #text, p{  
    color:rgb(227, 32, 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(227, 32, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 32, 102) }
```

Border

The CSS property to change the border of an element to XYZ 34.5933, 18.3232, 14.2838 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(227, 32, 102) }
```


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

```
.border{ border-color:rgb(227, 32, 102) }
```

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

Here you see how a box with a 4 pixel rgb(227, 32, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 32, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 32, 102);  
box-shadow:4px 4px 4px 4px rgb(227, 32,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5933, 18.3232, 14.2838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 32, 102) }
```

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

```
.background{ background-color: rgb(227, 32,  
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](#).

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