

Converting Colors

XYZ(34.5548, 18.8062, 7.9120)

Have a look what the booklet for
XYZ(34.5548, 18.8062, 7.9120)
contains.

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Color

**XYZ(34.5616, 18.8085,
7.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	E62848
RGB	230, 40, 72
RGB Percent	90%, 16%, 28%
CMY	0.0980, 0.8431, 0.7176
CMYK	0.00, 0.83, 0.69, 0.10
HSL	350°, 79%, 53%
HSV	350°, 83%, 90%
XYZ	34.5616, 18.8085, 7.9397
YIQ	100.4580, 102.9680, 50.2320

Conversions

Conversions Part 2

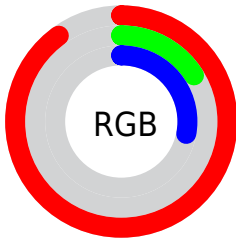
Format	Color
RYB	230, 40, 72
Decimal	15083592
CIELab	50.46, 70.40, 31.03
CIElCh	50, 76.940, 23.788
Yxy	18.8085, 0.5637, 0.3068
Android (android.graphics.Color)	4293273672 (0xFFE62848)
YUV	100.4580, -14.0298, 113.6083
Hunter-Lab	43.3688, 66.3555, 19.5037

Details

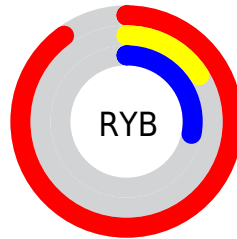
The XYZ color **34.5616, 18.8085, 7.9397** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **39.3676, 61.1227, 63.1601**, and the grayscale version is **12.2489, 12.8868, 14.0337**.

A 20% lighter version of the original color is **49.7842, 32.9241, 21.5004**, and **15.9477, 8.1957, 1.9038** is the 20% darker color. If you saturate the color by 10%, you get **33.4733, 17.4802, 4.9626**, and if you desaturate by 10%, it is **36.3053, 21.1376, 12.0931**.

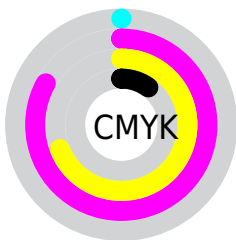
Distribution



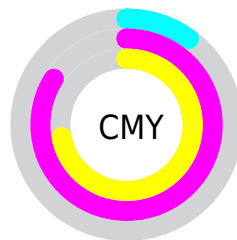
- Red (90%)
- Green (16%)
- Blue (28%)



- Red (90%)
- Yellow (16%)
- Blue (28%)



- Cyan (0%)
- Magenta (83%)
- Yellow (69%)
- Black (10%)





- Cyan (10%)
- Magenta (84%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5616, 18.8085, 7.9397 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 34.5616, 18.8085, 7.9397 by changing the saturation by 10% instead.


 34.5616, 18.8085,
7.9397


 34.5616, 18.8085,
7.9397


314.1710,
245.3895, 185.1752

 23.4903, 11.5320,
3.9692


 66.1446, 41.4103,
22.3844


 15.0786, 6.4259,
1.6084


 87.3869, 57.5043,
33.6956


 8.9613, 3.1057,
0.2968


 112.7504, 77.3063,
48.2908

 4.7728, 1.1872,
0.0000

 142.6002,
101.2006, 66.5885

 2.1480, 0.0512,
0.0000

 177.3019,
129.5718, 89.0072

 0.7151, 0.0000,
0.0000

217.2207,

 0.0000, 0.0000,

162.8040, 115.9656

0.0000

262.7219,
201.2818, 147.8820

■ 34.5616, 18.8085,
7.9397

■ 34.5616, 18.8085,
7.9397

■ 33.4733, 17.4802,
4.9626

■ 36.3053, 21.1376,
12.0931


■ 32.9944, 16.9675,
3.4311


■ 38.7907, 24.6129,
17.5315


■ 42.0917, 29.3595,
24.3517


■ 46.2727, 35.4850,
32.6408

■ 51.3919, 43.0857,
42.4785

 57.5020, 52.2492,
53.9388

 64.6521, 63.0563,
67.0908

 72.8877, 75.5820,
81.9997

 82.2519, 89.8969,
98.7271

Harmonies

Analogous

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



36.3597, 18.8085, 25.2751



34.5616, 18.8085, 7.9397



27.8079, 18.8085, 1.9708

Triad

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



34.5616, 18.8085, 7.9397



8.5918, 18.8085, 4.4976



16.3632, 18.8085, 94.9530

Complementary

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



34.5616, 18.8085, 7.9397



39.3676, 61.1227, 63.1601

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.



10.6462, 18.8085, 75.0497



34.5616, 18.8085, 7.9397



7.0406, 18.8085, 16.3320

Square

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



34.5616, 18.8085, 7.9397



12.6737, 18.8085, 1.1742



7.6705, 18.8085, 42.0315



24.3389, 18.8085, 86.1676

Rectangle

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



34.5616, 18.8085, 7.9397



22.2074, 18.8085, 0.9175



7.6705, 18.8085, 42.0315



14.1495, 18.8085, 91.1182

Sweetspot

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



34.5620, 18.8096, 7.9400



70.5839, 62.8941, 64.2853



37.5918, 18.8567, 76.5207



14.5173, 12.5758, 12.6536



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.



34.5620, 18.8096, 7.9400



41.7422, 21.5052, 4.4382



37.5906, 26.1251, 5.0706



14.4755, 14.4074, 15.4383



18.7100, 9.6182, 2.1019



1.4123, 0.7226, 0.3116

Inverse Universe

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



34.5620, 18.8096, 7.9400



41.7422, 21.5052, 4.4382



29.5032, 34.8537, 80.0348



14.4755, 14.4074, 15.4383



18.7100, 9.6182, 2.1019



1.4123, 0.7226, 0.3116

Previews

White Background



This preview shows how the XYZ color 34.5616, 18.8085, 7.9397 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 34.5616, 18.8085, 7.9397 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 34.5616, 18.8085, 7.9397

Background



This preview shows how black text looks on a background with the XYZ color 34.5616, 18.8085, 7.9397.



This preview shows how white text looks on a background with the XYZ color 34.5616, 18.8085,

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

34.5616, 18.8085, 7.9397

Protanopia

17.8671, 18.9043, 15.2776

Deuteranopia

19.2130, 18.9052, 7.1939



Tritanopia

33.7832, 18.8093, 4.4347

Trichromacy



Original Color

34.5616, 18.8085, 7.9397

Protanomaly

20.9393, 16.1300, 11.9073

Deuteranomaly

22.8332, 16.8378, 7.2008

Tritanomaly

33.9034, 18.7352, 5.4438

Monochromacy



Original Color

34.5616, 18.8085, 7.9397

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

16.6025, 12.3900, 11.1893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5616, 18.8085, 7.9397 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(230, 40, 72)` looks like.

```
.text, #text, p{  
    color:rgb(230, 40, 72)  
}
```

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(230, 40, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 40, 72) }
```

Border

The CSS property to change the border of an element to XYZ 34.5616, 18.8085, 7.9397 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(230, 40, 72) }
```


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

```
.border{ border-color:rgb(230, 40, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 40, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 40, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 40, 72);  
box-shadow:4px 4px 4px 4px rgb(230, 40,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5616, 18.8085, 7.9397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 40, 72) }
```

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

```
.background{ background-color: rgb(230, 40,  
72) }
```

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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