

Converting Colors

XYZ(35.2372, 18.2335, 18.8046)

Have a look what the booklet for
XYZ(35.2372, 18.2335, 18.8046)
contains.

XYZ(35.2550, 18.2517, 18.8043)	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(35.2550, 18.2517,
18.8043)**

Conversions

Conversions Part 1

Format	Color
Hex	E31776
RGB	227, 23, 118
RGB Percent	89%, 9%, 46%
CMY	0.1098, 0.9097, 0.5373
CMYK	0.00, 0.90, 0.48, 0.11
HSL	332°, 82%, 49%
HSV	332°, 90%, 89%
XYZ	35.2550, 18.2517, 18.8043
YIQ	94.8260, 91.0890, 72.7930

Conversions

Conversions Part 2

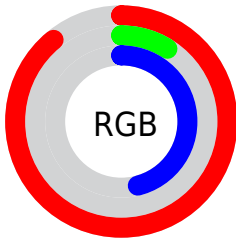
Format	Color
R_{YB}	227, 23, 118
Decimal	14882678
CIE Lab	49.80, 75.63, 2.07
CIE LCh	50, 75.658, 1.569
Yxy	18.2517, 0.4875, 0.2524
Android (android.graphics.Color)	4293072758 (0xFFE31776)
YUV	94.8260, 11.4248, 115.9166
Hunter-Lab	42.7220, 72.5380, 3.8086

Details

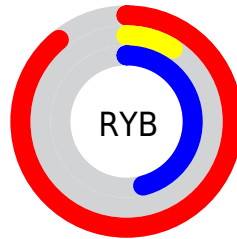
The XYZ color **35.2550, 18.2517, 18.8043** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **31.9898, 56.7873, 31.1146**, and the grayscale version is **10.7973, 11.3597, 12.3707**.

A 20% lighter version of the original color is **52.9575, 33.0860, 41.6253**, and **16.6225, 8.4415, 6.5476** is the 20% darker color. If you saturate the color by 10%, you get **34.2768, 17.3759, 15.1475**, and if you desaturate by 10%, it is **36.6830, 19.8789, 23.0687**.

Distribution



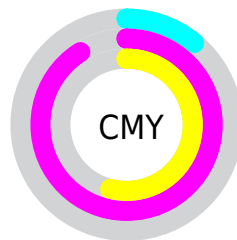
- Red (89%)
- Green (9%)
- Blue (46%)



- Red (89%)
- Yellow (9%)
- Blue (46%)



- Cyan (0%)
- Magenta (90%)
- Yellow (48%)
- Black (11%)





- Cyan (11%)
- Magenta (91%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2550, 18.2517, 18.8043 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 35.2550, 18.2517, 18.8043 by changing the saturation by 10% instead.


 35.2550, 18.2517,
18.8043


 35.2550, 18.2517,
18.8043


317.1808,
242.2859, 257.7529


 24.0268, 11.1308,
11.3536

 67.2120, 40.4658,
42.2354


 15.4783, 6.1549,
6.1880


 88.6716, 56.3277,
59.0529


 9.2443, 2.9395,
2.8891


 114.2723, 75.8722,
79.8298

 4.9592, 1.1002,
1.0383

 144.3795, 99.4836,
104.9845

 2.2579, 0.0000,
0.0000

 179.3587,
127.5463, 134.9356

 0.7730, 0.0000,
0.0000

 219.5750,

 0.0000, 0.0000,

160.4446, 170.1017

0.0000

265.3939,
198.5630, 210.9012

■ 35.2550, 18.2517,
18.8043

■ 35.2550, 18.2517,
18.8043

■ 34.2768, 17.3759,
15.1475

■ 36.6830, 19.8789,
23.0687

■ 34.2642, 17.3651,
15.0984

■ 38.6737, 22.4779,
27.9945

■ 41.2959, 26.1810,
33.6201

■ 44.6074, 31.0990,
39.9798

■ 48.6588, 37.3288,
47.1046

■ 53.4960, 44.9575,
55.0235

■ 59.1609, 54.0648,
63.7636

■ 65.6923, 64.7241,
73.3506

■ 73.1266, 77.0041,
83.8088

Harmonies

Analogous

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



32.6441, 18.2517, 45.4494



35.2550, 18.2517, 18.8043



32.0682, 18.2517, 5.4795

Triad

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



35.2550, 18.2517, 18.8043



11.0474, 18.2517, 1.5999



11.5419, 18.2517, 79.3510

Complementary

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



35.2550, 18.2517, 18.8043



31.9898, 56.7873, 31.1146

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.



8.0040, 18.2517, 48.8010



35.2550, 18.2517, 18.8043



7.7792, 18.2517, 6.3175

Square

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



35.2550, 18.2517, 18.8043



16.9704, 18.2517, 0.7154



6.8416, 18.2517, 20.9814



17.7305, 18.2517, 92.0014

Rectangle

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



35.2550, 18.2517, 18.8043



27.4869, 18.2517, 2.1648



6.8416, 18.2517, 20.9814



10.0701, 18.2517, 70.1235

Sweetspot

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



35.2555, 18.2528, 18.8046



71.5126, 61.5139, 74.5764



23.6585, 11.0504, 73.5589



14.7968, 12.3527, 15.1577



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.



35.2555, 18.2528, 18.8046



44.5537, 22.5855, 19.3797



32.2933, 17.3126, 2.4517



14.6548, 14.4791, 16.3828



20.0407, 10.1505, 9.1094



1.5275, 0.7687, 0.9183

Inverse Universe

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



35.2555, 18.2528, 18.8046



44.5537, 22.5855, 19.3797



39.8650, 57.0204, 81.5779



14.6548, 14.4791, 16.3828



20.0407, 10.1505, 9.1094



1.5275, 0.7687, 0.9183

Previews

White Background



This preview shows how the XYZ color 35.2550, 18.2517, 18.8043 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 35.2550, 18.2517, 18.8043 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 35.2550, 18.2517, 18.8043

Background



This preview shows how black text looks on a background with the XYZ color 35.2550, 18.2517, 18.8043.



This preview shows how white text looks on a background with the XYZ color 35.2550, 18.2517,

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

35.2550, 18.2517, 18.8043

Protanopia

19.2552, 18.7271, 39.6456

Deuteranopia

18.8827, 18.5165, 17.0468



Tritanopia

32.4786, 18.3675, 4.9654

Trichromacy



Original Color

35.2550, 18.2517, 18.8043



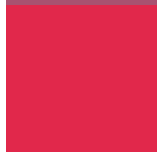
Protanomaly

20.9927, 14.7781, 30.6002



Deuteranomaly

22.0904, 15.5293, 17.1624



Tritanomaly

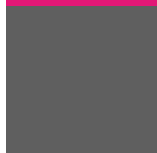
33.0801, 18.0331, 8.3938

Monochromacy



Original Color

35.2550, 18.2517, 18.8043



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

15.9040, 11.0752, 14.1314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2550, 18.2517, 18.8043 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, 23, 118)` looks like.

```
.text, #text, p{  
    color:rgb(227, 23, 118)  
}
```

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, 23, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 23, 118) }
```

Border

The CSS property to change the border of an element to XYZ 35.2550, 18.2517, 18.8043 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, 23, 118) }
```


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

```
.border{ border-color:rgb(227, 23, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 23, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 23, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 23, 118);  
box-shadow:4px 4px 4px 4px rgb(227, 23,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2550, 18.2517, 18.8043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 23, 118) }
```

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

```
.background{ background-color: rgb(227, 23,  
118) }
```

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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