

Converting Colors

XYZ(35.1437, 17.7107, 20.0114)

Have a look what the booklet for
XYZ(35.1437, 17.7107, 20.0114)
contains.

XYZ(35.1914, 17.7360, 19.9810)	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(35.1914, 17.7360,
19.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	E3007A
RGB	227, 0, 122
RGB Percent	89%, 0%, 48%
CMY	0.1098, 0.9998, 0.5216
CMYK	0.00, 1.00, 0.46, 0.11
HSL	328°, 100%, 45%
HSV	328°, 100%, 89%
XYZ	35.1914, 17.7360, 19.9810
YIQ	81.7810, 96.1300, 86.0660

Conversions

Conversions Part 2

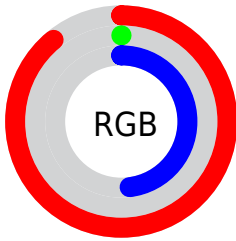
Format	Color
R_{YB}	227, 0, 122
Decimal	14876794
CIE Lab	49.17, 78.11, -1.28
CIE LCh	49, 78.121, 359.058
Yxy	17.7360, 0.4827, 0.2433
Android (android.graphics.Color)	4293066874 (0xFFE3007A)
YUV	81.7810, 19.8280, 127.3571
Hunter-Lab	42.1141, 75.4584, 1.3498

Details

The XYZ color **35.1914, 17.7360, 19.9810** 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 **30.0219, 55.9592, 22.5962**, and the grayscale version is **7.9297, 8.3427, 9.0852**.

A 20% lighter version of the original color is **52.7943, 32.1447, 43.4664**, and **16.7531, 8.4937, 7.2350** is the 20% darker color. If you saturate the color by 10%, you get **35.1900, 17.7355, 19.9739**, and if you desaturate by 10%, it is **36.1792, 18.6134, 23.6964**.

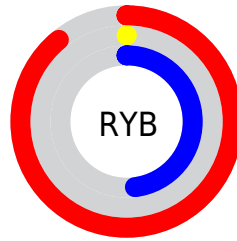
Distribution



Red (89%)

Green (0%)

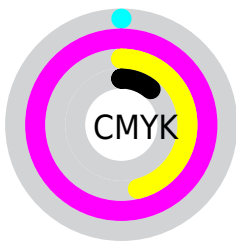
Blue (48%)



Red (89%)

Yellow (0%)

Blue (48%)

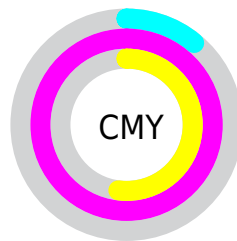


Cyan (0%)

Magenta (100%)

Yellow (46%)

Black (11%)



Cyan (11%)


Magenta (100%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1914, 17.7360, 19.9810 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 35.1914, 17.7360, 19.9810 by changing the saturation by 10% instead.

 35.1914, 17.7360,
19.9810


 35.1914, 17.7360,
19.9810


316.9056,
239.3788, 264.4131


 23.9776, 10.7606,
12.1973


 67.1142, 39.5870,
44.2439


 15.4416, 5.9061,
6.7540

 88.5539, 55.2313,
61.5601


 9.2182, 2.7881,
3.2326


 114.1330, 74.5341,
82.8910

 4.9420, 1.0221,
1.2146

 144.2167, 97.8798,
108.6550

 2.2477, 0.0000,
0.0000

 179.1705,
125.6527, 139.2706

 0.7677, 0.0000,
0.0000

 219.3596,

 0.0000, 0.0000,

158.2372, 175.1565

0.0000

265.1496,
196.0178, 216.7311

■ 35.1914, 17.7360,
19.9810

■ 35.1914, 17.7360,
19.9810

■ 35.1900, 17.7355,
19.9739

■ 36.1792, 18.6134,
23.6964

■ 37.5923, 20.2253,
27.9110

■ 39.5463, 22.7997,
32.6734

■ 42.1082, 26.4677,
38.0157

■ 45.3348, 31.3397,
43.9659

■ 49.2759, 37.5124,
50.5498

■ 53.9764, 45.0726,
57.7909

■ 59.4771, 54.0997,
65.7113

■ 65.8161, 64.6668,
74.3317

Harmonies

Analogous

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



32.0254, 17.7360, 48.3051



35.1914, 17.7360, 19.9810



32.3813, 17.7360, 5.6111

Triad

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



35.1914, 17.7360, 19.9810



10.9079, 17.7360, 1.1659



10.6112, 17.7360, 78.5496

Complementary

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



35.1914, 17.7360, 19.9810



30.0219, 55.9592, 22.5962

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.



7.3104, 17.7360, 46.2231



35.1914, 17.7360, 19.9810



7.4436, 17.7360, 5.1230

Square

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



35.1914, 17.7360, 19.9810



17.0897, 17.7360, 0.4665



6.3433, 17.7360, 18.6571



16.6275, 17.7360, 94.0630

Rectangle

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



35.1914, 17.7360, 19.9810



27.8546, 17.7360, 2.0677



6.3433, 17.7360, 18.6571



9.2192, 17.7360, 68.5100

Sweetspot

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



35.1919, 17.7370, 19.9813



70.1264, 58.4467, 75.0230



19.3651, 8.3822, 73.2702



14.4296, 11.5711, 15.1808



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.



35.1919, 17.7370, 19.9813



45.7571, 23.0668, 25.7167



31.7417, 16.3570, 1.8130



14.6992, 14.4969, 16.6162



20.5825, 10.3672, 11.9625



1.5678, 0.7848, 1.1305

Inverse Universe

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



35.1919, 17.7370, 19.9813



45.7571, 23.0668, 25.7167



39.8194, 59.8783, 74.1892



14.6992, 14.4969, 16.6162



20.5825, 10.3672, 11.9625



1.5678, 0.7848, 1.1305

Previews

White Background



This preview shows how the XYZ color 35.1914, 17.7360, 19.9810 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 35.1914, 17.7360, 19.9810 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 35.1914, 17.7360, 19.9810

Background



This preview shows how black text looks on a background with the XYZ color 35.1914, 17.7360, 19.9810.



This preview shows how white text looks on a background with the XYZ color 35.1914, 17.7360,

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

35.1914, 17.7360, 19.9810

Protanopia

19.3434, 18.5098, 43.6275

Deuteranopia

18.5711, 18.3369, 17.8898



Tritanopia

32.0428, 18.0236, 4.6958

Trichromacy



Original Color

35.1914, 17.7360, 19.9810



Protanomaly

20.3036, 13.4089, 32.9705



Deuteranomaly

21.4713, 14.2415, 18.1402



Tritanomaly

32.5350, 17.3491, 8.4714

Monochromacy



Original Color

35.1914, 17.7360, 19.9810



Achromatopsia

8.0200, 8.4376, 9.1886



Achromatomaly

13.3773, 8.4699, 12.2391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1914, 17.7360, 19.9810 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, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 122)  
}
```

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, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 122) }
```

Border

The CSS property to change the border of an element to XYZ 35.1914, 17.7360, 19.9810 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, 0, 122) }
```


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

```
.border{ border-color:rgb(227, 0, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 0, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(227, 0,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1914, 17.7360, 19.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 122) }
```

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

```
.background{ background-color: rgb(227, 0,  
122) }
```

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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