

Converting Colors

XYZ(29.0795, 15.6803, 1.4939)

Have a look what the booklet for
XYZ(29.0795, 15.6803, 1.4939)
contains.

XYZ(29.0795, 15.6803, 1.4939)	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>	30

Color

**XYZ(29.0795, 15.6803,
1.4939)**

Conversions

Conversions Part 1

Format	Color
Hex	D91E00
RGB	217, 30, 0
RGB Percent	85%, 12%, 0%
CMY	0.1490, 0.8823, 1.0000
CMYK	0.00, 0.86, 1.00, 0.15
HSL	8°, 100%, 43%
HSV	8°, 100%, 85%
XYZ	29.0795, 15.6803, 1.4939
YIQ	82.4930, 121.0820, 30.3140

Conversions

Conversions Part 2

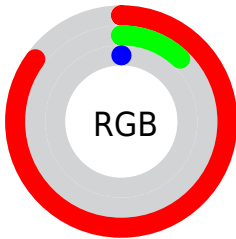
Format	Color
RYB	217, 35, 0
Decimal	14228992
CIELab	46.55, 67.29, 59.97
CIElCh	47, 90.137, 41.706
Yxy	15.6803, 0.6287, 0.3390
Android (android.graphics.Color)	4292419072 (0xFFD91E00)
YUV	82.4930, -40.6690, 117.9626
Hunter-Lab	39.5984, 61.7864, 25.4821

Details

The XYZ color **29.0795, 15.6803, 1.4939** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **30.2893, 40.5399, 71.8735**, and the grayscale version is **8.1840, 8.6102, 9.3765**.

A 20% lighter version of the original color is **46.3215, 30.2809, 7.1448**, and **12.9489, 6.6754, 0.6060** is the 20% darker color. If you saturate the color by 10%, you get **29.0798, 15.6813, 1.4941**, and if you desaturate by 10%, it is **29.8436, 16.9817, 2.4488**.

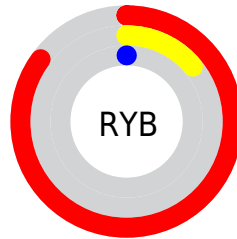
Distribution



Red (85%)

Green (12%)

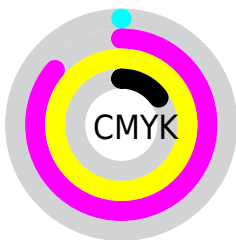
Blue (0%)



Red (85%)

Yellow (14%)

Blue (0%)

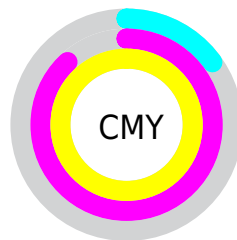


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (15%)



Cyan (15%)


Magenta (88%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0795, 15.6803, 1.4939 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 29.0795, 15.6803, 1.4939 by changing the saturation by 10% instead.


 29.0795, 15.6803,
1.4939


 29.0795, 15.6803,
1.4939


 289.5773,
227.4478, 113.9441


 19.2856, 9.2982,
0.2134


 57.6001, 36.0423,
7.6042


 11.9820, 4.9362,
0.0000


 77.0574, 50.7910,
13.4492


 6.8036, 2.2099,
0.0000


 100.4665, 69.0973,
21.7121

 3.3848, 0.7254,
0.0000

 128.1929, 91.3457,
32.8114

 1.3604, 0.0000,
0.0000

 160.6018,
117.9206, 47.1658

 0.2277, 0.0000,
0.0000


 198.0586,


 0.0000, 0.0000,


149.2063, 65.1936


0.0000


 240.9286,
185.5872, 87.3136


 29.0795, 15.6803,
1.4939


 29.0795, 15.6803,
1.4939


 29.0798, 15.6813,
1.4941

 29.8436, 16.9817,
2.4488

 31.0905, 18.9932,
4.3515

 32.9091, 21.8085,
7.4911

 35.3597, 25.5016,
12.0326

 38.4950, 30.1380,
18.1154

■ 42.3617, 35.7768,
25.8622

■ 47.0027, 42.4723,
35.3832

■ 52.4573, 50.2747,
46.7790

■ 58.7622, 59.2313,
60.1429

Harmonies

Analogous

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



34.8540, 15.6803, 9.7772



29.0795, 15.6803, 1.4939



20.1049, 15.6803, 0.0000

Triad

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



29.0795, 15.6803, 1.4939



4.7399, 15.6803, 6.8531



18.1468, 15.6803, 102.6530

Complementary

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



29.0795, 15.6803, 1.4939



30.2893, 40.5399, 71.8735

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.



10.6870, 15.6803, 98.5008



29.0795, 15.6803, 1.4939



4.5358, 15.6803, 27.3148

Square

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



29.0795, 15.6803, 1.4939



7.0070, 15.6803, 0.9068



6.2980, 15.6803, 64.3256



27.2241, 15.6803, 73.1200

Rectangle

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



29.0795, 15.6803, 1.4939



14.4630, 15.6803, 0.0000



6.2980, 15.6803, 64.3256



15.3532, 15.6803, 105.5614

Sweetspot

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



29.0798, 15.6813, 1.4941



67.5420, 60.9260, 50.5832



37.6991, 18.3852, 49.1759



13.8205, 12.1250, 9.5150



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.



29.0798, 15.6813, 1.4941



41.8493, 22.4787, 2.1331



37.6222, 32.7661, 4.3416



13.2006, 13.3406, 13.6048



17.6486, 9.5828, 0.9195



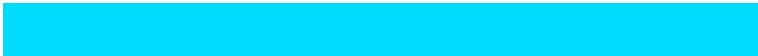
1.1911, 0.7164, 0.0755

Inverse Universe

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



30.2893, 40.5399, 71.8735



43.5694, 58.2588, 103.5565



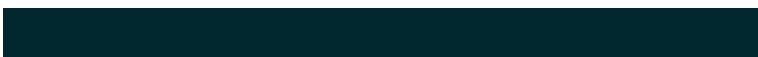
15.3613, 10.6837, 66.8975



13.2833, 14.5063, 16.7520



18.3938, 24.6571, 43.5282



1.2349, 1.6838, 2.8344

Previews

White Background



This preview shows how the XYZ color 29.0795, 15.6803, 1.4939 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 29.0795, 15.6803, 1.4939 looks on a black 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

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

XYZ 29.0795, 15.6803, 1.4939

Background



This preview shows how black text looks on a background with the XYZ color 29.0795, 15.6803, 1.4939.



This preview shows how white text looks on a background with the XYZ color 29.0795, 15.6803,

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

29.0795, 15.6803, 1.4939

Protanopia

14.4494, 16.0274, 3.3689

Tritanopia

29.2195, 15.6964, 2.3538

Trichromacy



Original Color

29.0795, 15.6803, 1.4939

Protanomaly

17.2190, 13.3442, 2.1985

Tritanomaly

29.1409, 15.6649, 1.9397

Monochromacy



Original Color

29.0795, 15.6803, 1.4939

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

11.9917, 8.8294, 4.4404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0795, 15.6803, 1.4939 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(217, 30, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 30, 0)  
}
```

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(217, 30, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 30, 0) }
```

Border

The CSS property to change the border of an element to XYZ 29.0795, 15.6803, 1.4939 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(217, 30, 0) }
```

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

```
.border{ border-color:rgb(217, 30, 0) }
```

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

Here you see how a box with a 4 pixel rgb(217, 30, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 30, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 30, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 30, 0)  
}
```


Background

The CSS property to change the background color of an element to XYZ 29.0795, 15.6803, 1.4939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 30, 0) }
```

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

```
.background{ background-color: rgb(217, 30,  
0) }
```

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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