

Converting Colors

XYZ(28.2775, 15.3870, 1.4811)

Have a look what the booklet for
XYZ(28.2775, 15.3870, 1.4811)
contains.

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Color

**XYZ(28.2754, 15.3839,
1.4791)**

Conversions

Conversions Part 1

Format	Color
Hex	D62100
RGB	214, 33, 0
RGB Percent	84%, 13%, 0%
CMY	0.1608, 0.8705, 1.0000
CMYK	0.00, 0.85, 1.00, 0.16
HSL	9°, 100%, 42%
HSV	9°, 100%, 84%
XYZ	28.2754, 15.3839, 1.4791
YIQ	83.3570, 118.4690, 28.1090

Conversions

Conversions Part 2

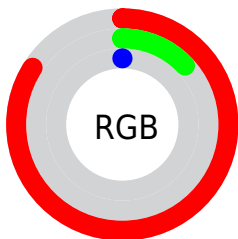
Format	Color
RYB	214, 39, 0
Decimal	14033152
CIELab	46.16, 65.87, 59.44
CIElCh	46, 88.725, 42.065
Yxy	15.3839, 0.6264, 0.3408
Android (android.graphics.Color)	4292223232 (0xFFD62100)
YUV	83.3570, -41.0950, 114.5739
Hunter-Lab	39.2223, 60.0417, 25.2198

Details

The XYZ color **28.2754, 15.3839, 1.4791** 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 **28.6572, 37.8943, 69.4216**, and the grayscale version is **8.3613, 8.7967, 9.5796**.

A 20% lighter version of the original color is **46.3914, 30.4595, 7.0486**, and **12.3944, 6.3896, 0.5800** is the 20% darker color. If you saturate the color by 10%, you get **28.2757, 15.3848, 1.4793**, and if you desaturate by 10%, it is **29.0594, 16.7297, 2.4267**.

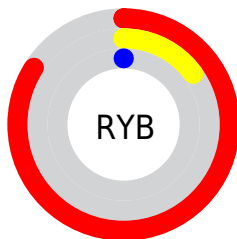
Distribution



Red (84%)

Green (13%)

Blue (0%)



Red (84%)

Yellow (15%)

Blue (0%)

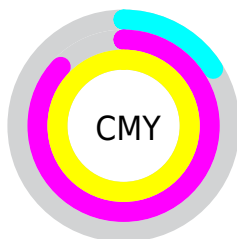


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (16%)



Cyan (16%)


Magenta (87%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2754, 15.3839, 1.4791 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 28.2754, 15.3839, 1.4791 by changing the saturation by 10% instead.


 28.2754, 15.3839,
1.4791


 28.2754, 15.3839,
1.4791

 285.8368,
225.6782, 113.6773


 18.6749, 9.0893,
0.2023


 56.3294, 35.5253,
7.5604


 11.5382, 4.7994,
0.0000

 75.5136, 50.1408,
13.3851


 6.5000, 2.1301,
0.0000


 98.6231, 68.2987,
21.6238

 3.1950, 0.6815,
0.0000

 126.0231, 90.3834,
32.6951

 1.2577, 0.0000,
0.0000

 158.0792,
116.7793, 47.0176

 0.1512, 0.0000,
0.0000


 195.1566,


 0.0000, 0.0000,


147.8708, 65.0097


0.0000


 237.6207,
184.0424, 87.0901


 28.2754, 15.3839,
1.4791


 28.2754, 15.3839,
1.4791


 28.2757, 15.3848,
1.4793

 29.0594, 16.7297,
2.4267

 30.3052, 18.7519,
4.2886

 32.0961, 21.5359,
7.3457

 34.4886, 25.1489,
11.7564

 37.5316, 29.6504,
17.6551

■ 41.2688, 35.0947,
25.1594

■ 45.7402, 41.5315,
34.3756

■ 50.9825, 49.0068,
45.4005

■ 57.0302, 57.5641,
58.3237

Harmonies

Analogous

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



33.9256, 15.3839, 9.4721



28.2754, 15.3839, 1.4791



19.5670, 15.3839, 0.0000

Triad

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



28.2754, 15.3839, 1.4791



4.6981, 15.3839, 6.9277



17.8736, 15.3839, 99.2670

Complementary

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



28.2754, 15.3839, 1.4791



28.6572, 37.8943, 69.4216

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.



10.5892, 15.3839, 95.6998



28.2754, 15.3839, 1.4791



4.5198, 15.3839, 27.0388

Square

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



28.2754, 15.3839, 1.4791



6.8889, 15.3839, 0.9586



6.2714, 15.3839, 62.9452



26.6740, 15.3839, 70.5106

Rectangle

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



28.2754, 15.3839, 1.4791



14.1046, 15.3839, 0.0000



6.2714, 15.3839, 62.9452



15.1518, 15.3839, 102.2169

Sweetspot

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



28.2757, 15.3849, 1.4793



67.8055, 61.4532, 50.6711



36.1644, 17.6693, 45.7059



13.8809, 12.2456, 9.5351



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.



28.2757, 15.3849, 1.4793



41.9769, 22.7339, 2.1756



36.9784, 32.7901, 4.3802



12.5764, 12.7271, 12.9544



17.1394, 9.3960, 0.9103



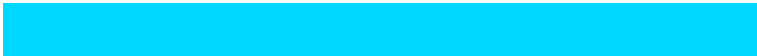
1.0836, 0.6664, 0.0715

Inverse Universe

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



28.6572, 37.8943, 69.4216



42.5172, 56.1545, 103.2057



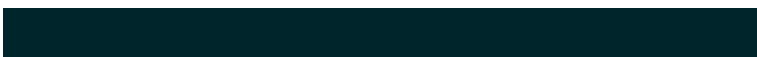
14.6468, 9.8736, 64.7515



12.6214, 13.7662, 15.9294



17.3837, 23.0292, 41.9820



1.0936, 1.4791, 2.5472

Previews

White Background



This preview shows how the XYZ color 28.2754, 15.3839, 1.4791 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



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 28.2754, 15.3839, 1.4791

Background



This preview shows how black text looks on a background with the XYZ color 28.2754, 15.3839, 1.4791.



This preview shows how white text looks on a background with the XYZ color 28.2754, 15.3839,

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

28.2754, 15.3839, 1.4791

Protanopia

14.1831, 15.7285, 3.2657

Deuteranopia

15.6990, 15.5921, 2.1822



Tritanopia

28.4311, 15.3600, 2.5649

Trichromacy



Original Color

28.2754, 15.3839, 1.4791

Protanomaly

17.0991, 13.3951, 2.2146

Deuteranomaly

18.5219, 13.6990, 1.6680

Tritanomaly

28.3572, 15.3728, 2.0449

Monochromacy



Original Color

28.2754, 15.3839, 1.4791

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

11.8930, 8.8629, 4.4520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2754, 15.3839, 1.4791 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(214, 33, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 33, 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(214, 33, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 33, 0) }
```

Border

The CSS property to change the border of an element to XYZ 28.2754, 15.3839, 1.4791 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(214, 33, 0) }
```


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

```
.border{ border-color:rgb(214, 33, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 33, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 33, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 33, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 33, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 28.2754, 15.3839, 1.4791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 33, 0) }
```

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

```
.background{ background-color: rgb(214, 33,  
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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