

Converting Colors

XYZ(28.2966, 15.3395, 1.4694)

Have a look what the booklet for
XYZ(28.2966, 15.3395, 1.4694)
contains.

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Color

**XYZ(28.2481, 15.3292,
1.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	D62000
RGB	214, 32, 0
RGB Percent	84%, 13%, 0%
CMY	0.1608, 0.8744, 1.0000
CMYK	0.00, 0.85, 1.00, 0.16
HSL	9°, 100%, 42%
HSV	9°, 100%, 84%
XYZ	28.2481, 15.3292, 1.4700
YIQ	82.7700, 118.7440, 28.6320

Conversions

Conversions Part 2

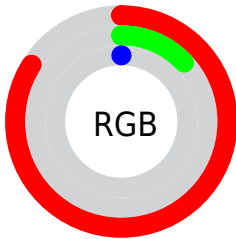
Format	Color
RYB	214, 38, 0
Decimal	14032896
CIELab	46.08, 66.08, 59.41
CIElCh	46, 88.862, 41.960
Yxy	15.3292, 0.6271, 0.3403
Android (android.graphics.Color)	4292222976 (0xFFD62000)
YUV	82.7700, -40.8056, 115.0887
Hunter-Lab	39.1525, 60.2688, 25.1807

Details

The XYZ color **28.2481, 15.3292, 1.4700** 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 **28.8615, 38.3029, 69.4899**, and the grayscale version is **8.2406, 8.6698, 9.4414**.

A 20% lighter version of the original color is **46.2973, 30.2712, 7.0172**, and **12.3944, 6.3896, 0.5800** is the 20% darker color. If you saturate the color by 10%, you get **28.2484, 15.3301, 1.4701**, and if you desaturate by 10%, it is **29.0204, 16.6516, 2.4137**.

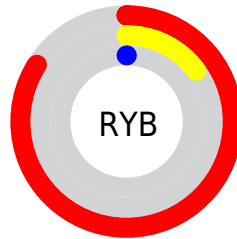
Distribution



Red (84%)

Green (13%)

Blue (0%)



Red (84%)

Yellow (15%)

Blue (0%)

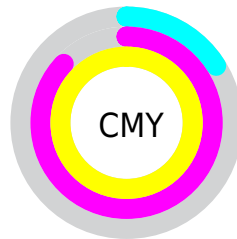


Cyan (0%)

Magenta (85%)

Yellow (100%)

Black (16%)



Cyan (16%)


Magenta (87%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2481, 15.3292, 1.4700 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 28.2481, 15.3292, 1.4700 by changing the saturation by 10% instead.


 28.2481, 15.3292,
1.4700


 28.2481, 15.3292,
1.4700


 285.7092,
225.3502, 113.5125


 18.6542, 9.0508,
0.1954


 56.2862, 35.4297,
7.5334


 11.5232, 4.7743,
0.0000

 75.4610, 50.0205,
13.3455


 6.4898, 2.1155,
0.0000


 98.5603, 68.1509,
21.5693

 3.1886, 0.6733,
0.0000

 125.9492, 90.2052,
32.6233

 1.2543, 0.0000,
0.0000

 157.9932,
116.5679, 46.9261

 0.1486, 0.0000,
0.0000


 195.0576,


 0.0000, 0.0000,


147.6234, 64.8962


0.0000


 237.5078,
183.7560, 86.9522


 28.2481, 15.3292,
1.4700

 28.2481, 15.3292,
1.4700


 28.2484, 15.3301,
1.4701

 29.0204, 16.6516,
2.4137

 30.2562, 18.6538,
4.2723

 32.0396, 21.4226,
7.3269

 34.4276, 25.0265,
11.7362

 37.4695, 29.5262,
17.6346

■ 41.2098, 34.9765,
25.1400

■ 45.6886, 41.4280,
34.3587

■ 50.9431, 48.9277,
45.3877

■ 57.0080, 57.5194,
58.3168

Harmonies

Analogous

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



33.8826, 15.3292, 9.4732



28.2481, 15.3292, 1.4700



19.5429, 15.3292, 0.0000

Triad

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



28.2481, 15.3292, 1.4700



4.6676, 15.3292, 6.8437



17.7898, 15.3292, 99.3293

Complementary

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



28.2481, 15.3292, 1.4700



28.8615, 38.3029, 69.4899

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.



10.5214, 15.3292, 95.6292



28.2481, 15.3292, 1.4700



4.4836, 15.3292, 26.8729

Square

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



28.2481, 15.3292, 1.4700



6.8603, 15.3292, 0.9350



6.2224, 15.3292, 62.7683



26.5893, 15.3292, 70.6125

Rectangle

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



28.2481, 15.3292, 1.4700



14.0790, 15.3292, 0.0000



6.2224, 15.3292, 62.7683



15.0722, 15.3292, 102.2410

Sweetspot

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



28.2484, 15.3302, 1.4702



67.7280, 61.2981, 50.6452



36.5376, 17.8186, 47.6710



13.8631, 12.2101, 9.5292



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.



28.2484, 15.3302, 1.4702



41.9380, 22.6561, 2.1627



36.4700, 31.7732, 4.2107



12.5717, 12.7177, 12.9529



17.1217, 9.3607, 0.9044



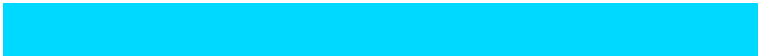
1.0814, 0.6620, 0.0708

Inverse Universe

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



28.8615, 38.3029, 69.4899



42.8232, 56.7665, 103.3077



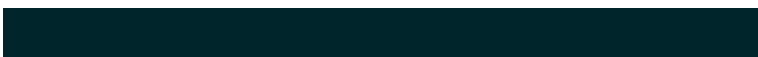
14.8953, 10.3705, 64.8345



12.6265, 13.7765, 15.9312



17.5057, 23.2732, 42.0227



1.0998, 1.4917, 2.5493

Previews

White Background



This preview shows how the XYZ color 28.2481, 15.3292, 1.4700 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 28.2481, 15.3292, 1.4700

Background



This preview shows how black text looks on a background with the XYZ color 28.2481, 15.3292, 1.4700.



This preview shows how white text looks on a background with the XYZ color 28.2481, 15.3292,

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

28.2481, 15.3292, 1.4700

Protanopia

14.1944, 15.7331, 3.3256

Deuteranopia

15.6990, 15.5921, 2.1822



Tritanopia

28.3937, 15.3038, 2.4943

Trichromacy



Original Color

28.2481, 15.3292, 1.4700

Protanomaly

17.0231, 13.2432, 2.1893

Deuteranomaly

18.4503, 13.5558, 1.6441

Tritanomaly

28.3227, 15.3166, 1.9939

Monochromacy



Original Color

28.2481, 15.3292, 1.4700

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

11.8361, 8.7491, 4.4331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2481, 15.3292, 1.4700 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, 32, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 32, 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, 32, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 32, 0) }
```

Border

The CSS property to change the border of an element to XYZ 28.2481, 15.3292, 1.4700 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, 32, 0) }
```


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

```
.border{ border-color:rgb(214, 32, 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, 32, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 32, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 32, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 32, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 28.2481, 15.3292, 1.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 32, 0) }
```

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

```
.background{ background-color: rgb(214, 32,  
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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