

Converting Colors

XYZ(29.2322, 19.0094, 2.1285)

Have a look what the booklet for
XYZ(29.2322, 19.0094, 2.1285)
contains.

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Color

**XYZ(29.2322, 19.0094,
2.1285)**

Conversions

Conversions Part 1

Format	Color
Hex	D24D00
RGB	210, 77, 0
RGB Percent	82%, 30%, 0%
CMY	0.1765, 0.6980, 1.0000
CMYK	0.00, 0.63, 1.00, 0.18
HSL	22°, 100%, 41%
HSV	22°, 100%, 82%
XYZ	29.2322, 19.0094, 2.1285
YIQ	107.9890, 103.9850, 4.2490

Conversions

Conversions Part 2

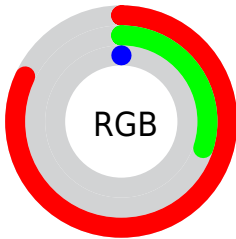
Format	Color
RYB	210, 122, 0
Decimal	13782272
CIELab	50.70, 50.01, 61.12
CIElCh	51, 78.973, 50.709
Yxy	19.0094, 0.5803, 0.3774
Android (android.graphics.Color)	4291972352 (0xFFD24D00)
YUV	107.9890, -53.2386, 89.4636
Hunter-Lab	43.5998, 43.3787, 27.6254

Details

The XYZ color **29.2322, 19.0094, 2.1285** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **20.0196, 21.4268, 64.0528**, and the grayscale version is **14.3761, 15.1247, 16.4708**.

A 20% lighter version of the original color is **50.1986, 37.8295, 9.0709**, and **12.2331, 6.6039, 0.6299** is the 20% darker color. If you saturate the color by 10%, you get **29.2324, 19.0101, 2.1286**, and if you desaturate by 10%, it is **30.3957, 21.1201, 3.1842**.

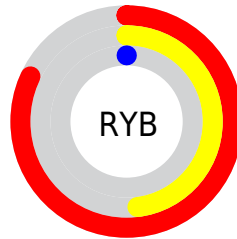
Distribution



Red (82%)

Green (30%)

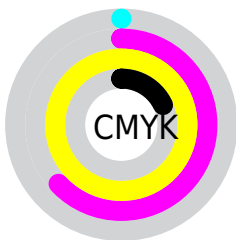
Blue (0%)



Red (82%)

Yellow (48%)

Blue (0%)

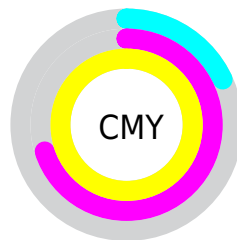


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (70%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2322, 19.0094, 2.1285 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 29.2322, 19.0094, 2.1285 by changing the saturation by 10% instead.

 29.2322, 19.0094,
2.1285


 29.2322, 19.0094,
2.1285


290.2834,
246.5007, 124.3413


 19.4017, 11.6771,
0.6327


 57.8408, 41.7500,
9.3892


 12.0666, 6.5242,
0.0000


 77.3496, 57.9270,
16.0277


 6.8616, 3.1664,
0.0000


 100.8153, 77.8211,
25.2298

 3.4213, 1.2192,
0.0000

 128.6031,
101.8166, 37.4138

 1.3802, 0.0773,
0.0000

 161.0785,
130.2979, 52.9985


 0.2421, 0.0000,
0.0000


 198.6068,


 0.0000, 0.0000,


163.6494, 72.4022


0.0000


 241.5533,
202.2555, 96.0436


 29.2322, 19.0094,
2.1285


 29.2322, 19.0094,
2.1285


 29.2324, 19.0101,
2.1286

 30.3957, 21.1201,
3.1842

 31.9070, 23.6905,
5.0819

 33.8258, 26.7613,
8.0859

 36.1886, 30.3618,
12.3415

 39.0266, 34.5185,
17.9715

■ 42.3682, 39.2559,
25.0841

■ 46.2391, 44.5967,
33.7764

■ 50.6631, 50.5624,
44.1370

■ 55.6626, 57.1734,
56.2481

Harmonies

Analogous

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



35.8806, 19.0094, 8.9843



29.2322, 19.0094, 2.1285



20.5800, 19.0094, 0.6623

Triad

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



29.2322, 19.0094, 2.1285



6.9972, 19.0094, 14.5483



23.8611, 19.0094, 91.6943

Complementary

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



29.2322, 19.0094, 2.1285



20.0196, 21.4268, 64.0528

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.



15.7689, 19.0094, 97.7453



29.2322, 19.0094, 2.1285



7.4125, 19.0094, 39.7354

Square

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



29.2322, 19.0094, 2.1285



8.8206, 19.0094, 3.7354



10.1840, 19.0094, 74.3489



32.2149, 19.0094, 61.1481

Rectangle

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



29.2322, 19.0094, 2.1285



15.4400, 19.0094, 0.6861



10.1840, 19.0094, 74.3489



20.9782, 19.0094, 97.2306

Sweetspot

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



29.2326, 19.0105, 2.1288



71.5307, 68.9035, 51.9128



30.8119, 15.3951, 23.5383



14.7430, 13.9699, 9.8225



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.



29.2326, 19.0105, 2.1288



45.1991, 29.1781, 3.2497



43.3060, 47.1573, 6.8199



12.1586, 12.5080, 12.3855



17.9196, 11.7721, 1.3278



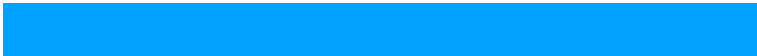
1.0768, 0.8079, 0.0992

Inverse Universe

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



20.0196, 21.4268, 64.0528



30.8811, 32.8822, 99.3270



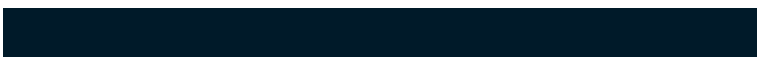
12.0482, 5.4838, 61.3957



11.7787, 12.6477, 15.0641



12.3104, 13.2674, 39.1045



0.7626, 0.8904, 2.2112

Previews

White Background



This preview shows how the XYZ color 29.2322, 19.0094, 2.1285 looks on a white 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

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 29.2322, 19.0094, 2.1285

Background



This preview shows how black text looks on a background with the XYZ color 29.2322, 19.0094, 2.1285.



This preview shows how white text looks on a background with the XYZ color 29.2322, 19.0094,

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

29.2322, 19.0094, 2.1285

Protanopia

17.4114, 19.2916, 3.5154

Deuteranopia

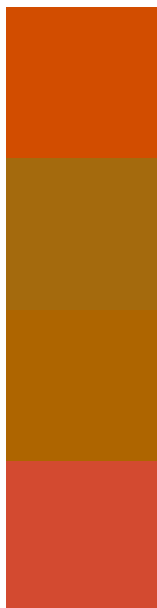
19.2676, 19.0338, 2.6584



Tritanopia

30.7732, 19.1536, 8.9126

Trichromacy



Original Color

29.2322, 19.0094, 2.1285

Protanomaly

20.5365, 18.2296, 2.8170

Deuteranomaly

22.1092, 18.3060, 2.3681

Tritanomaly

29.8462, 18.9598, 4.8828

Monochromacy



Original Color

29.2322, 19.0094, 2.1285

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

17.0259, 14.9988, 7.6279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2322, 19.0094, 2.1285 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(210, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(210, 77, 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(210, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 77, 0) }
```

Border

The CSS property to change the border of an element to XYZ 29.2322, 19.0094, 2.1285 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(210, 77, 0) }
```


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

```
.border{ border-color:rgb(210, 77, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 77, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 77, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 29.2322, 19.0094, 2.1285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 77, 0) }
```

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

```
.background{ background-color: rgb(210, 77,  
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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