

Converting Colors

XYZ(27.2766, 14.4528, 2.0763)

Have a look what the booklet for
XYZ(27.2766, 14.4528, 2.0763)
contains.

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Color

**XYZ(27.2675, 14.4394,
2.0594)**

Conversions

Conversions Part 1

Format	Color
Hex	D31515
RGB	211, 21, 21
RGB Percent	83%, 8%, 8%
CMY	0.1726, 0.9175, 0.9176
CMYK	0.00, 0.90, 0.90, 0.17
HSL	0°, 82%, 45%
HSV	0°, 90%, 83%
XYZ	27.2675, 14.4394, 2.0594
YIQ	77.8100, 113.2400, 40.2800

Conversions

Conversions Part 2

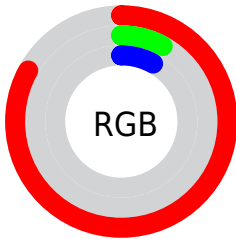
Format	Color
RYB	211, 21, 21
Decimal	13833493
CIELab	44.86, 67.45, 51.64
CIElCh	45, 84.949, 37.436
Yxy	14.4394, 0.6230, 0.3299
Android (android.graphics.Color)	4292023573 (0xFFD31515)
YUV	77.8100, -28.0073, 116.8076
Hunter-Lab	37.9992, 61.5895, 23.3862

Details

The XYZ color **27.2675, 14.4394, 2.0594** 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 **35.3540, 51.4365, 69.6924**, and the grayscale version is **7.2447, 7.6219, 8.3003**.

A 20% lighter version of the original color is **46.2285, 29.5184, 8.8913**, and **11.8541, 6.1110, 0.5548** is the 20% darker color. If you saturate the color by 10%, you get **26.8641, 13.8494, 1.2573**, and if you desaturate by 10%, it is **28.1159, 15.6815, 3.7449**.

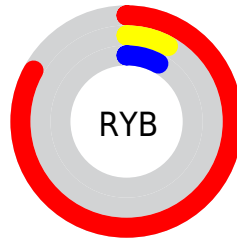
Distribution



Red (83%)

Green (8%)

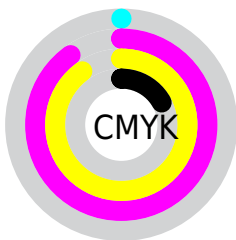
Blue (8%)



Red (83%)

Yellow (8%)

Blue (8%)

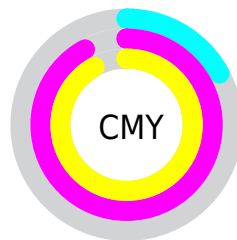


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (17%)



Cyan (17%)


Magenta (92%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2675, 14.4394, 2.0594 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 27.2675, 14.4394, 2.0594 by changing the saturation by 10% instead.


 27.2675, 14.4394,
2.0594


 27.2675, 14.4394,
2.0594


281.0940,
219.9475, 123.2924


 17.9119, 8.4269,
0.5914


 54.7297, 33.8667,
9.2026


 10.9860, 4.3693,
0.0000


 73.5669, 48.0502,
15.7609

 6.1247, 1.8822,
0.0000


 96.2954, 65.7263,
24.8683

 2.9624, 0.5377,
0.0000

 123.2805, 87.2792,
36.9435

 1.1339, 0.0000,
0.0000

 154.8876,
113.0934, 52.4050

 0.0532, 0.0000,
0.0000


 191.4819,


 0.0000, 0.0000,


143.5532, 71.6713


0.0000


 233.4289,
179.0431, 95.1609


 27.2675, 14.4394,
2.0594

 27.2675, 14.4394,
2.0594


 26.8641, 13.8494,
1.2573

 28.1159, 15.6815,
3.7449

 29.5564, 17.7896,
6.6080

 31.6710, 20.8840,
10.8111

 34.5283, 25.0651,
16.4910

 38.1887, 30.4214,
23.7675

■ 42.7063, 37.0319,
32.7484

■ 48.1305, 44.9690,
43.5319

■ 54.5071, 54.2995,
56.2088

■ 61.8786, 65.0858,
70.8639

Harmonies

Analogous

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



31.6459, 14.4394, 11.2800



27.2675, 14.4394, 2.0594



19.5028, 14.4394, 0.0000

Triad

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



27.2675, 14.4394, 2.0594



4.7265, 14.4394, 5.1498



15.5230, 14.4394, 92.1209

Complementary

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



27.2675, 14.4394, 2.0594



35.3540, 51.4365, 69.6924

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.



9.2173, 14.4394, 83.9198



27.2675, 14.4394, 2.0594



4.2940, 14.4394, 21.1996

Square

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



27.2675, 14.4394, 2.0594



7.1100, 14.4394, 0.6912



5.6260, 14.4394, 52.2322



23.5295, 14.4394, 69.7134

Rectangle

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



27.2675, 14.4394, 2.0594



14.3295, 14.4394, 0.0000



5.6260, 14.4394, 52.2322



13.1362, 14.4394, 93.0433

Sweetspot

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



27.2678, 14.4403, 2.0596



67.7116, 59.9970, 54.5498



38.8897, 19.0882, 63.2622



13.9196, 12.0026, 10.5358



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.



27.2678, 14.4403, 2.0596



41.2404, 21.2608, 1.9301



33.2445, 26.3937, 4.0518



11.8089, 11.8085, 12.2689



16.2127, 8.3583, 0.7588



0.9066, 0.4674, 0.0424

Inverse Universe

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



35.3540, 51.4365, 69.6924



53.7978, 78.7156, 106.9659



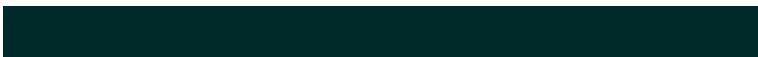
18.3124, 17.3533, 64.0118



12.1583, 13.4068, 15.1906



21.1493, 30.9452, 42.0508



1.1826, 1.7304, 2.3512

Previews

White Background



This preview shows how the XYZ color 27.2675, 14.4394, 2.0594 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 27.2675, 14.4394, 2.0594 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 27.2675, 14.4394, 2.0594

Background



This preview shows how black text looks on a background with the XYZ color 27.2675, 14.4394, 2.0594.



This preview shows how white text looks on a background with the XYZ color 27.2675, 14.4394,

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

27.2675, 14.4394, 2.0594

Protanopia

13.4745, 14.8647, 4.0784

Deuteranopia

14.9047, 14.7370, 2.0590



Tritanopia

27.2301, 14.4544, 1.7703

Trichromacy



Original Color

27.2675, 14.4394, 2.0594

Protanomaly

15.9820, 12.0455, 2.8492

Deuteranomaly

17.5306, 12.5691, 1.7319

Tritanomaly

27.2521, 14.4632, 1.8856

Monochromacy



Original Color

27.2675, 14.4394, 2.0594

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

10.8058, 7.6573, 4.7794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2675, 14.4394, 2.0594 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(211, 21, 21)` looks like.

```
.text, #text, p{  
    color:rgb(211, 21, 21)  
}
```

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(211, 21, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 21, 21) }
```

Border

The CSS property to change the border of an element to XYZ 27.2675, 14.4394, 2.0594 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(211, 21, 21) }
```


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

```
.border{ border-color:rgb(211, 21, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 21, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 21, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 21, 21);  
box-shadow:4px 4px 4px 4px rgb(211, 21,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2675, 14.4394, 2.0594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 21, 21) }
```

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

```
.background{ background-color: rgb(211, 21,  
21) }
```

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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