

Converting Colors

XYZ(27.0430, 14.1317, 1.5493)

Have a look what the booklet for
XYZ(27.0430, 14.1317, 1.5493)
contains.

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Color

**XYZ(27.0447, 14.1316,
1.5607)**

Conversions

Conversions Part 1

Format	Color
Hex	D30C09
RGB	211, 12, 9
RGB Percent	83%, 5%, 4%
CMY	0.1726, 0.9528, 0.9647
CMYK	0.00, 0.94, 0.96, 0.17
HSL	1°, 92%, 43%
HSV	1°, 96%, 83%
XYZ	27.0447, 14.1316, 1.5607
YIQ	71.1590, 119.5670, 41.2550

Conversions

Conversions Part 2

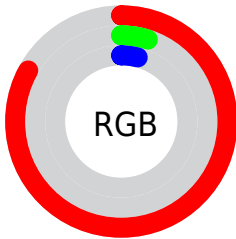
Format	Color
RYB	211, 12, 9
Decimal	13831177
CIELab	44.42, 68.43, 55.59
CIELCh	44, 88.165, 39.090
Yxy	14.1316, 0.6328, 0.3307
Android (android.graphics.Color)	4292021257 (0xFFD30C09)
YUV	71.1590, -30.6444, 122.6406
Hunter-Lab	37.5920, 62.6316, 23.8529

Details

The XYZ color **27.0447, 14.1316, 1.5607** 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 **34.4150, 49.8504, 69.4355**, and the grayscale version is **6.0564, 6.3718, 6.9389**.

A 20% lighter version of the original color is **45.7118, 28.8986, 7.4437**, and **11.8541, 6.1110, 0.5548** is the 20% darker color. If you saturate the color by 10%, you get **26.8982, 13.9178, 1.2687**, and if you desaturate by 10%, it is **27.6384, 15.0212, 2.6777**.

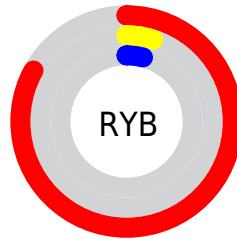
Distribution



Red (83%)

Green (5%)

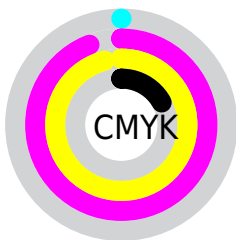
Blue (4%)



Red (83%)

Yellow (5%)

Blue (4%)

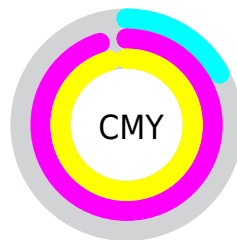


Cyan (0%)

Magenta (94%)

Yellow (96%)

Black (17%)



Cyan (17%)


Magenta (95%)


Yellow (96%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0447, 14.1316, 1.5607 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 27.0447, 14.1316, 1.5607 by changing the saturation by 10% instead.

 27.0447, 14.1316,
1.5607


 27.0447, 14.1316,
1.5607


 280.0371,
218.0480, 115.1322


 17.7436, 8.2123,
0.2625


 54.3750, 33.3224,
7.8007


 10.8646, 4.2311,
0.0000


 73.1348, 47.3625,
13.7361


 6.0425, 1.8036,
0.0000


 95.7783, 64.8785,
22.1065

 2.9118, 0.4894,
0.0000

 122.6707, 86.2545,
33.3304

 1.1073, 0.0000,
0.0000

 154.1774,
111.8751, 47.8264

 0.0312, 0.0000,
0.0000


 190.6638,


 0.0000, 0.0000,


142.1246, 66.0130


0.0000


 232.4953,
177.3875, 88.3087


 27.0447, 14.1316,
1.5607


 27.0447, 14.1316,
1.5607


 26.8982, 13.9178,
1.2687

 27.6384, 15.0212,
2.6777

 28.7667, 16.6917,
4.8609

 30.5182, 19.2705,
8.2935

 32.9651, 22.8618,
13.1245

 36.1697, 27.5555,
19.4817

■ 40.1875, 33.4316,
27.4787

■ 45.0688, 40.5627,
37.2182

■ 50.8597, 49.0156,
48.7947

■ 57.6032, 58.8524,
62.2956

Harmonies

Analogous

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



31.9056, 14.1316, 10.0034



27.0447, 14.1316, 1.5607



18.9120, 14.1316, 0.0000

Triad

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



27.0447, 14.1316, 1.5607



4.2939, 14.1316, 5.2314



15.7041, 14.1316, 95.1809

Complementary

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



27.0447, 14.1316, 1.5607



34.4150, 49.8504, 69.4355

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.



9.1277, 14.1316, 88.3353



27.0447, 14.1316, 1.5607



3.9629, 14.1316, 22.4209

Square

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



27.0447, 14.1316, 1.5607



6.5358, 14.1316, 0.5704



5.3824, 14.1316, 55.5035



23.9994, 14.1316, 69.9876

Rectangle

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



27.0447, 14.1316, 1.5607



13.6495, 14.1316, 0.0000



5.3824, 14.1316, 55.5035



13.2162, 14.1316, 96.8270

Sweetspot

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



27.0450, 14.1325, 1.5609



66.3473, 58.1217, 51.4647



38.7191, 18.7472, 63.2051



13.5189, 11.4438, 9.6547



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.



27.0450, 14.1325, 1.5609



41.2817, 21.3434, 1.9439



32.4889, 25.0203, 3.3755



11.8228, 11.8363, 12.2736



16.2399, 8.4129, 0.7679



0.9132, 0.4807, 0.0446

Inverse Universe

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



34.4150, 49.8504, 69.4355



52.5959, 76.3118, 106.5653



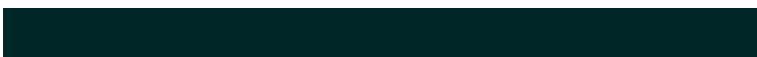
17.4463, 15.9130, 63.7793



12.1425, 13.3752, 15.1854



20.6890, 30.0247, 41.8974



1.1618, 1.6888, 2.3443

Previews

White Background



This preview shows how the XYZ color 27.0447, 14.1316, 1.5607 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 27.0447, 14.1316, 1.5607 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 27.0447, 14.1316, 1.5607

Background



This preview shows how black text looks on a background with the XYZ color 27.0447, 14.1316, 1.5607.



This preview shows how white text looks on a background with the XYZ color 27.0447, 14.1316,

1.5607.

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

27.0447, 14.1316, 1.5607

Protanopia

13.2252, 14.5972, 3.2829

Deuteranopia

14.4852, 14.3757, 2.0113



Tritanopia

26.8112, 14.1674, 1.3215

Trichromacy



Original Color

27.0447, 14.1316, 1.5607

Protanomaly

15.5991, 11.4650, 2.1499

Deuteranomaly

17.0448, 11.9442, 1.4932

Tritanomaly

26.7801, 14.0788, 1.3922

Monochromacy



Original Color

27.0447, 14.1316, 1.5607

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.7001, 6.6322, 3.5652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0447, 14.1316, 1.5607 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, 12, 9)` looks like.

```
.text, #text, p{  
    color:rgb(211, 12, 9)  
}
```

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, 12, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 12, 9) }
```

Border

The CSS property to change the border of an element to XYZ 27.0447, 14.1316, 1.5607 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, 12, 9) }
```


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

```
.border{ border-color:rgb(211, 12, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 12, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 12, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 12, 9);  
box-shadow:4px 4px 4px 4px rgb(211, 12, 9)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.0447, 14.1316, 1.5607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 12, 9) }
```

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

```
.background{ background-color: rgb(211, 12,  
9) }
```

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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