

Converting Colors

XYZ(27.1153, 16.0174, 4.1322)

Have a look what the booklet for
XYZ(27.1153, 16.0174, 4.1322)
contains.

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Color

**XYZ(27.0647, 15.9969,
4.1439)**

Conversions

Conversions Part 1

Format	Color
Hex	CD382D
RGB	205, 56, 45
RGB Percent	80%, 22%, 18%
CMY	0.1961, 0.7804, 0.8235
CMYK	0.00, 0.73, 0.78, 0.20
HSL	4°, 64%, 49%
HSV	4°, 78%, 80%
XYZ	27.0647, 15.9969, 4.1439
YIQ	99.2970, 92.3350, 28.1670

Conversions

Conversions Part 2

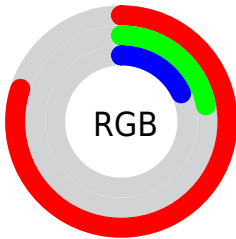
Format	Color
RYB	205, 57, 45
Decimal	13449261
CIELab	46.97, 57.52, 41.30
CIELCh	47, 70.811, 35.675
Yxy	15.9969, 0.5733, 0.3389
Android (android.graphics.Color)	4291639341 (0xFFCD382D)
YUV	99.2970, -26.7684, 92.7015
Hunter-Lab	39.9961, 50.7947, 21.8544

Details

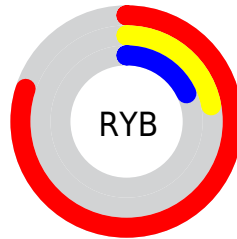
The XYZ color **27.0647, 15.9969, 4.1439** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.3914, 43.5451, 64.5079**, and the grayscale version is **11.9848, 12.6090, 13.7312**.

A 20% lighter version of the original color is **49.0769, 33.8430, 14.0709**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **26.0060, 14.3653, 2.2939**, and if you desaturate by 10%, it is **28.6683, 18.4122, 7.1204**.

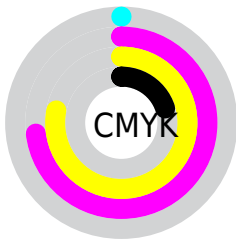
Distribution



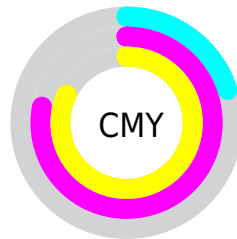
- Red (80%)
- Green (22%)
- Blue (18%)



- Red (80%)
- Yellow (22%)
- Blue (18%)



- Cyan (0%)
- Magenta (73%)
- Yellow (78%)
- Black (20%)





- Cyan (20%)
- Magenta (78%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0647, 15.9969, 4.1439 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 27.0647, 15.9969, 4.1439 by changing the saturation by 10% instead.

 27.0647, 15.9969,
4.1439


 27.0647, 15.9969,
4.1439


280.1321,
229.3234, 149.8116


 17.7587, 9.5220,
1.7046


 54.4068, 36.5928,
14.3403


 10.8755, 5.0832,
0.3639


 73.1736, 51.4826,
22.9345


 6.0498, 2.2961,
0.0000


 95.8247, 69.9461,
34.4174

 2.9164, 0.7717,
0.0000

 122.7255, 92.3677,
49.2076

 1.1097, 0.0000,
0.0000

 154.2412,
119.1319, 67.7235

 0.0332, 0.0000,
0.0000

 190.7373,

 0.0000, 0.0000,

150.6230, 90.3838

0.0000

232.5792,
187.2253, 117.6070

■ 27.0647, 15.9969,
4.1439

■ 27.0647, 15.9969,
4.1439

■ 26.0060, 14.3653,
2.2939

■ 28.6683, 18.4122,
7.1204

■ 25.4122, 13.4150,
1.3649


■ 30.8760, 21.6900,
11.3636


■ 25.3352, 13.2960,
1.2311


■ 33.7406, 25.9026,
16.9940


■ 37.3088, 31.1138,
24.1182

■ 41.6229, 37.3821,
32.8320

 46.7221, 44.7611,
43.2234

 52.6426, 53.3010,
55.3741

 59.4186, 63.0489,
69.3601

 67.0821, 74.0492,
85.2532

Harmonies

Analogous

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



30.3864, 15.9969, 14.2605



27.0647, 15.9969, 4.1439



20.6519, 15.9969, 1.1630

Triad

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



27.0647, 15.9969, 4.1439



6.7346, 15.9969, 6.8134



16.4119, 15.9969, 78.1035

Complementary

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



27.0647, 15.9969, 4.1439



31.3914, 43.5451, 64.5079

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.



10.8107, 15.9969, 70.5855



27.0647, 15.9969, 4.1439



6.1711, 15.9969, 21.0100

Square

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



27.0647, 15.9969, 4.1439



9.2670, 15.9969, 1.8105



7.4417, 15.9969, 45.8116



23.2539, 15.9969, 62.3611

Rectangle

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



27.0647, 15.9969, 4.1439



16.1197, 15.9969, 0.7253



7.4417, 15.9969, 45.8116



14.3247, 15.9969, 78.2940

Sweetspot

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



27.0651, 15.9979, 4.1441



71.9874, 66.7488, 61.5233



35.8902, 18.7660, 52.9658



14.7756, 13.3708, 11.8815



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.



27.0651, 15.9979, 4.1441



41.8393, 22.3172, 2.5657



34.4077, 30.6832, 6.5917



11.2733, 11.3355, 11.6732



15.7979, 8.3287, 0.7750



0.8371, 0.4740, 0.0474

Inverse Universe

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



31.3914, 43.5451, 64.5079



48.9744, 68.7690, 105.3003



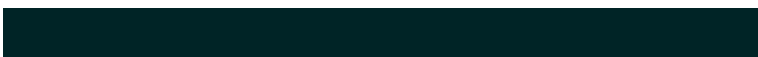
18.1567, 17.0757, 60.0963



11.4746, 12.5897, 14.3957



18.4727, 25.9694, 39.9953



0.9733, 1.3803, 2.0701

Previews

White Background



This preview shows how the XYZ color 27.0647, 15.9969, 4.1439 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 27.0647, 15.9969, 4.1439 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 27.0647, 15.9969, 4.1439

Background



This preview shows how black text looks on a background with the XYZ color 27.0647, 15.9969, 4.1439.



This preview shows how white text looks on a background with the XYZ color 27.0647, 15.9969,

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

27.0647, 15.9969, 4.1439

Protanopia

14.8321, 16.1471, 6.8924

Deuteranopia

16.4131, 16.0806, 3.6776



Tritanopia

27.2098, 15.9030, 5.3768

Trichromacy



Original Color

27.0647, 15.9969, 4.1439

Protanomaly

17.6778, 14.7121, 5.6494

Deuteranomaly

19.1335, 15.0055, 3.6382

Tritanomaly

27.1629, 15.9594, 4.8977

Monochromacy



Original Color

27.0647, 15.9969, 4.1439

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

14.9858, 12.1543, 8.9533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0647, 15.9969, 4.1439 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(205, 56, 45)` looks like.

```
.text, #text, p{  
    color:rgb(205, 56, 45)  
}
```

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(205, 56, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 56, 45) }
```

Border

The CSS property to change the border of an element to XYZ 27.0647, 15.9969, 4.1439 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(205, 56, 45) }
```


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

```
.border{ border-color:rgb(205, 56, 45) }
```

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

Here you see how a box with a 4 pixel rgb(205, 56, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 56, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 56, 45);  
box-shadow:4px 4px 4px 4px rgb(205, 56,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0647, 15.9969, 4.1439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 56, 45) }
```

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

```
.background{ background-color: rgb(205, 56,  
45) }
```

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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