

Converting Colors

XYZ(30.2756, 19.4267, 7.6229)

Have a look what the booklet for
XYZ(30.2756, 19.4267, 7.6229)
contains.

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Color

**XYZ(30.2756, 19.4267,
7.6229)**

Conversions

Conversions Part 1

Format	Color
Hex	D24D44
RGB	210, 77, 68
RGB Percent	82%, 30%, 27%
CMY	0.1765, 0.6980, 0.7333
CMYK	0.00, 0.63, 0.68, 0.18
HSL	4°, 61%, 55%
HSV	4°, 68%, 82%
XYZ	30.2756, 19.4267, 7.6229
YIQ	115.7410, 82.1570, 25.3970

Conversions

Conversions Part 2

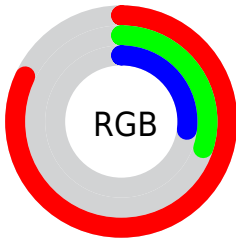
Format	Color
R_{YB}	210, 78, 68
Decimal	13782340
CIE Lab	51.18, 51.89, 33.40
CIE LCh	51, 61.712, 32.770
Yxy	19.4267, 0.5281, 0.3389
Android (android.graphics.Color)	4291972420 (0xFFD24D44)
YUV	115.7410, -23.5363, 82.6651
Hunter-Lab	44.0757, 45.4790, 20.5988

Details

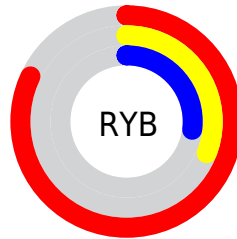
The XYZ color **30.2756, 19.4267, 7.6229** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34.9016, 47.6519, 68.3306**, and the grayscale version is **16.5741, 17.4372, 18.9892**.

A 20% lighter version of the original color is **52.7022, 39.0469, 21.5887**, and **12.7163, 6.7696, 1.5006** is the 20% darker color. If you saturate the color by 10%, you get **28.5713, 16.8668, 4.4392**, and if you desaturate by 10%, it is **32.6262, 22.9125, 12.1544**.

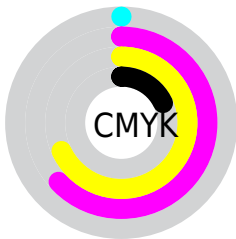
Distribution



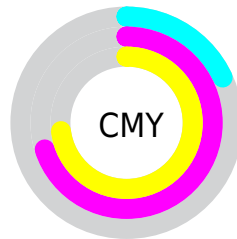
- Red (82%)
- Green (30%)
- Blue (27%)



- Red (82%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (63%)
- Yellow (68%)
- Black (18%)





- Cyan (18%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2756, 19.4267, 7.6229 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 30.2756, 19.4267, 7.6229 by changing the saturation by 10% instead.


 30.2756, 19.4267,
7.6229

 30.2756, 19.4267,
7.6229


295.0738,
248.7944, 182.5663


 20.1970, 11.9790,
3.7703


 59.4814, 42.4539,
21.7496


 12.6474, 6.7294,
1.5002


 79.3393, 58.8022,
32.8608


 7.2615, 3.2934,
0.2181


 103.1876, 78.8861,
47.2287

 3.6740, 1.2868,
0.0000

 131.3918,
103.0901, 65.2717

 1.5194, 0.1309,
0.0000

 164.3171,
131.7985, 87.4085

 0.3390, 0.0000,
0.0000

202.3290,

 0.0000, 0.0000,

165.3958, 114.0574

0.0000

245.7928,
204.2663, 145.6372

■ 30.2756, 19.4267,
7.6229

■ 30.2756, 19.4267,
7.6229

■ 28.5713, 16.8668,
4.4392

■ 32.6262, 22.9125,
12.1544

■ 27.4473, 15.1415,
2.4533

■ 35.6778, 27.3976,
18.1599

■ 26.8220, 14.1453,
1.4602

■ 39.4808, 32.9519,
25.7525

■ 26.7262, 13.9977,
1.2932

■ 44.0805, 39.6381,
35.0337

■ 49.5188, 47.5141,
46.0968

■ 55.8344, 56.6338,
59.0280

■ 63.0639, 67.0477,
73.9081

■ 71.2415, 78.8036,
90.8131

■ 80.0761, 91.8174,
108.1098

Harmonies

Analogous

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



32.9435, 19.4267, 19.5604



30.2756, 19.4267, 7.6229



24.4099, 19.4267, 3.0831

Triad

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



30.2756, 19.4267, 7.6229



9.8313, 19.4267, 9.1475



19.0408, 19.4267, 76.0788

Complementary

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



30.2756, 19.4267, 7.6229



34.9016, 47.6519, 68.3306

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.



13.5726, 19.4267, 67.7036



30.2756, 19.4267, 7.6229



9.0052, 19.4267, 22.8285

Square

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



30.2756, 19.4267, 7.6229



12.7836, 19.4267, 3.5581



10.2108, 19.4267, 45.2358



25.6194, 19.4267, 64.2170

Rectangle

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



30.2756, 19.4267, 7.6229



19.9904, 19.4267, 2.2167



10.2108, 19.4267, 45.2358



17.0183, 19.4267, 75.5417

Sweetspot

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



30.2760, 19.4278, 7.6232



74.5089, 70.3592, 66.7804



39.4129, 22.1429, 58.6339



15.4269, 14.3053, 13.2329



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.



30.2760, 19.4278, 7.6232



43.4812, 24.8738, 5.3547



37.9159, 34.7076, 10.1698



11.8681, 11.9269, 12.2886



16.3284, 8.5898, 0.7974



0.9346, 0.5235, 0.0518

Inverse Universe

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



34.9016, 47.6519, 68.3306



51.0122, 71.3032, 105.6820



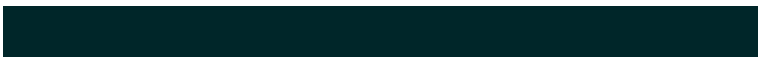
22.2545, 22.3576, 64.1149



12.0915, 13.2733, 15.1684



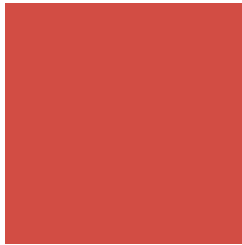
19.2588, 27.1642, 41.4207



1.0967, 1.5585, 2.3226

Previews

White Background



This preview shows how the XYZ color 30.2756, 19.4267, 7.6229 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



This preview shows how the XYZ color 30.2756, 19.4267, 7.6229 looks on a 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 30.2756, 19.4267, 7.6229

Background



This preview shows how black text looks on a background with the XYZ color 30.2756, 19.4267, 7.6229.



This preview shows how white text looks on a background with the XYZ color 30.2756, 19.4267,

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

30.2756, 19.4267, 7.6229

Protanopia

18.1149, 19.4805, 11.3997

Deuteranopia

19.9661, 19.6388, 7.1532



Tritanopia

30.8280, 19.4602, 9.7208

Trichromacy



Original Color

30.2756, 19.4267, 7.6229

Protanomaly

21.0625, 18.3462, 9.8282

Deuteranomaly

22.6900, 18.6436, 7.2532

Tritanomaly

30.7529, 19.5396, 8.9881

Monochromacy



Original Color

30.2756, 19.4267, 7.6229

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.5812, 16.8876, 14.0320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2756, 19.4267, 7.6229 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, 68)` looks like.

```
.text, #text, p{  
    color:rgb(210, 77, 68)  
}
```

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, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 77, 68) }
```

Border

The CSS property to change the border of an element to XYZ 30.2756, 19.4267, 7.6229 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, 68) }
```


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

```
.border{ border-color:rgb(210, 77, 68) }
```

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, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 77, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 77, 68);  
box-shadow:4px 4px 4px 4px rgb(210, 77,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2756, 19.4267, 7.6229 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, 68) }
```

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

```
.background{ background-color: rgb(210, 77,  
68) }
```

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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