

Converting Colors

XYZ(30.1622, 19.4913, 11.3911)

Have a look what the booklet for
XYZ(30.1622, 19.4913, 11.3911)
contains.

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Color

**XYZ(30.2896, 19.5619,
11.4119)**

Conversions

Conversions Part 1

Format	Color
Hex	CF4F58
RGB	207, 79, 88
RGB Percent	81%, 31%, 35%
CMY	0.1882, 0.6902, 0.6549
CMYK	0.00, 0.62, 0.57, 0.19
HSL	356°, 57%, 56%
HSV	356°, 62%, 81%
XYZ	30.2896, 19.5619, 11.4119
YIQ	118.2980, 73.3990, 29.9350

Conversions

Conversions Part 2

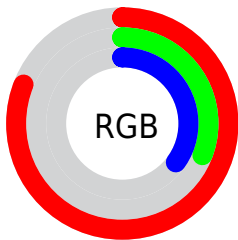
Format	Color
R_{YB}	207, 79, 88
Decimal	13586264
CIE _{Lab}	51.34, 51.27, 21.80
CIE _{LCh}	51, 55.717, 23.037
Yxy	19.5619, 0.4944, 0.3193
Android (android.graphics.Color)	4291776344 (0xFFCF4F58)
YUV	118.2980, -14.9369, 77.7917
Hunter-Lab	44.2288, 44.8432, 15.6622

Details

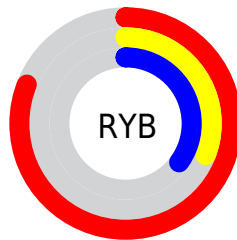
The XYZ color **30.2896, 19.5619, 11.4119** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **35.7316, 50.3657, 61.2683**, and the grayscale version is **17.3434, 18.2466, 19.8705**.

A 20% lighter version of the original color is **54.2150, 39.8700, 28.8830**, and **12.6850, 6.8101, 2.9314** is the 20% darker color. If you saturate the color by 10%, you get **28.3273, 16.7492, 7.3304**, and if you desaturate by 10%, it is **32.9280, 23.3904, 16.7572**.

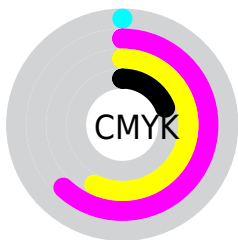
Distribution



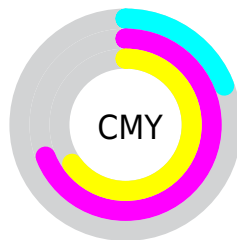
- Red (81%)
- Green (31%)
- Blue (35%)



- Red (81%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (62%)
- Yellow (57%)
- Black (19%)





- Cyan (19%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2896, 19.5619, 11.4119 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 30.2896, 19.5619, 11.4119 by changing the saturation by 10% instead.


 30.2896, 19.5619,
11.4119


 30.2896, 19.5619,
11.4119


295.1377,
249.5335, 211.3099


 20.2077, 12.0770,
6.2270


 59.5034, 42.6814,
29.0676


 12.6552, 6.7961,
2.9126


 79.3659, 59.0849,
42.3754


 7.2669, 3.3349,
1.0502


 103.2193, 79.2299,
59.2279

 3.6774, 1.3090,
0.0000

 131.4290,
103.5010, 80.0436

 1.5213, 0.1481,
0.0000

 164.3604,
132.2825, 105.2412

 0.3403, 0.0000,
0.0000

202.3787,

 0.0000, 0.0000,

165.9588, 135.2390

0.0000

245.8493,
204.9143, 170.4558

■ 30.2896, 19.5619,
11.4119

■ 30.2896, 19.5619,
11.4119

■ 28.3273, 16.7492,
7.3304

■ 32.9280, 23.3904,
16.7572

■ 26.9779, 14.8527,
4.4074

■ 36.2954, 28.3156,
23.4579

■ 26.1688, 13.7585,
2.5225

■ 40.4407, 34.4139,
31.5982

■ 25.8151, 13.2986,
1.6414

■ 45.4084, 41.7542,
41.2551

■ 51.2398, 50.3997,
52.5004

■ 57.9730, 60.4096,
65.4011

■ 65.6443, 71.8394,
80.0203

■ 74.2875, 84.7414,
96.4180

■ 79.5421, 92.0054,
108.1742

Harmonies

Analogous

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



31.3753, 19.5619, 25.2373



30.2896, 19.5619, 11.4119



25.8030, 19.5619, 4.9919

Triad

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



30.2896, 19.5619, 11.4119



11.2827, 19.5619, 7.6698



17.3250, 19.5619, 68.5411

Complementary

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



30.2896, 19.5619, 11.4119



35.7316, 50.3657, 61.2683

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.



12.8693, 19.5619, 56.3984



30.2896, 19.5619, 11.4119



9.8611, 19.5619, 17.7944

Square

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



30.2896, 19.5619, 11.4119



14.7097, 19.5619, 3.7080



10.3777, 19.5619, 35.6946



23.1058, 19.5619, 63.8164

Rectangle

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



30.2896, 19.5619, 11.4119



21.8951, 19.5619, 3.3721



10.3777, 19.5619, 35.6946



15.6408, 19.5619, 66.1544

Sweetspot

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



30.2901, 19.5630, 11.4122



75.0711, 70.3188, 70.5591



36.9109, 21.8786, 61.3090



15.5228, 14.2433, 14.0475



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.



30.2901, 19.5630, 11.4122



44.6375, 25.7643, 10.1246



35.4408, 30.4242, 11.4031



11.8420, 11.8215, 12.4436



16.2777, 8.3839, 1.1026



0.9222, 0.4736, 0.1251

Inverse Universe

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



30.2901, 19.5630, 11.4122



44.6375, 25.7643, 10.1246



25.9887, 29.1699, 63.2920



11.8420, 11.8215, 12.4436



16.2777, 8.3839, 1.1026



0.9222, 0.4736, 0.1251

Previews

White Background



This preview shows how the XYZ color 30.2896, 19.5619, 11.4119 looks on a white background.

Color Contrast Check

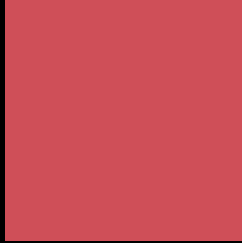
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2896, 19.5619, 11.4119 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 30.2896, 19.5619, 11.4119

Background



This preview shows how black text looks on a background with the XYZ color 30.2896, 19.5619, 11.4119.



This preview shows how white text looks on a background with the XYZ color 30.2896, 19.5619,

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

30.2896, 19.5619, 11.4119

Protanopia

18.8430, 19.9158, 17.0383

Deuteranopia

20.0340, 19.7691, 10.7426



Tritanopia

30.2405, 19.6586, 10.7950

Trichromacy



Original Color

30.2896, 19.5619, 11.4119

Protanomaly

21.5113, 18.6231, 14.7728

Deuteranomaly

22.9127, 18.9757, 10.8426

Tritanomaly

30.2805, 19.6746, 11.0057

Monochromacy



Original Color

30.2896, 19.5619, 11.4119

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

20.1818, 17.4462, 16.2137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2896, 19.5619, 11.4119 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(207, 79, 88)` looks like.

```
.text, #text, p{  
    color:rgb(207, 79, 88)  
}
```

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(207, 79, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 79, 88) }
```

Border

The CSS property to change the border of an element to XYZ 30.2896, 19.5619, 11.4119 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(207, 79, 88) }
```


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

```
.border{ border-color:rgb(207, 79, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 79, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 79, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 79, 88);  
box-shadow:4px 4px 4px 4px rgb(207, 79,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2896, 19.5619, 11.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 79, 88) }
```

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

```
.background{ background-color: rgb(207, 79,  
88) }
```

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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