

Converting Colors

XYZ(30.0300, 19.9345, 11.5092)

Have a look what the booklet for
XYZ(30.0300, 19.9345, 11.5092)
contains.

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Color

**XYZ(30.1086, 20.0244,
11.5107)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CD5458 |
| RGB | 205, 84, 88 |
| RGB Percent | 80%, 33%, 35% |
| CMY | 0.1961, 0.6706, 0.6549 |
| CMYK | 0.00, 0.59, 0.57, 0.20 |
| HSL | 358°, 55%, 57% |
| HSV | 358°, 59%, 80% |
| XYZ | 30.1086, 20.0244, 11.5107 |
| YIQ | 120.6350, 70.8320, 26.8960 |

Conversions

Conversions Part 2

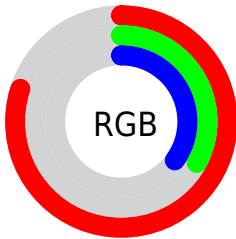
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 205, 84, 88 |
| Decimal | 13456472 |
| CIE _{Lab} | 51.86, 48.32, 22.44 |
| CIE _{LCh} | 52, 53.278, 24.910 |
| Yxy | 20.0244, 0.4884, 0.3248 |
| Android (android.graphics.Color) | 4291646552 (0xFFCD5458) |
| YUV | 120.6350, -16.0891, 73.9881 |
| Hunter-Lab | 44.7486, 41.7916, 16.0729 |

Details

The XYZ color **30.1086, 20.0244, 11.5107** 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 **36.0314, 49.7649, 62.9689**, and the grayscale version is **18.0913, 19.0334, 20.7274**.

A 20% lighter version of the original color is **54.9159, 41.2719, 29.1166**, and **12.5284, 7.0247, 2.9811** is the 20% darker color. If you saturate the color by 10%, you get **28.0313, 17.0101, 7.3031**, and if you desaturate by 10%, it is **32.8757, 24.0612, 17.0498**.

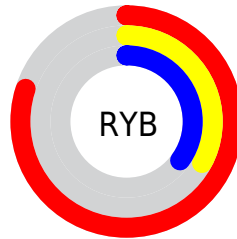
Distribution



Red (80%)

Green (33%)

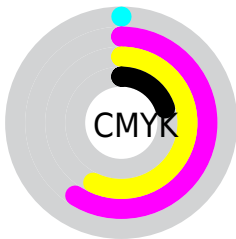
Blue (35%)



Red (80%)

Yellow (33%)

Blue (35%)

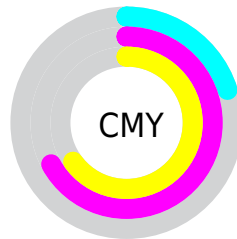


Cyan (0%)

Magenta (59%)

Yellow (57%)

Black (20%)



Cyan (20%)

Magenta (67%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1086, 20.0244, 11.5107 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 30.1086, 20.0244, 11.5107 by changing the saturation by 10% instead.

■ 30.1086, 20.0244,
11.5107

■ 30.1086, 20.0244,
11.5107

294.3111,
252.0472, 212.0002

■ 20.0695, 12.4128,
6.2930

■ 59.2193, 43.4581,
29.2517

■ 12.5541, 7.0255,
2.9524

■ 79.0217, 60.0489,
42.6120

■ 7.1971, 3.4780,
1.0704

■ 102.8092, 80.4017,
59.5237

■ 3.6331, 1.3861,
0.0000

■ 130.9472,
104.9007, 80.4052

■ 1.4967, 0.2064,
0.0000

■ 163.8010,
133.9303, 105.6750

■ 0.3236, 0.0000,
0.0000

201.7360,

■ 0.0000, 0.0000,

167.8750, 135.7518

0.0000

245.1176,
207.1192, 171.0540

■ 30.1086, 20.0244,
11.5107

■ 30.1086, 20.0244,
11.5107

■ 28.0313, 17.0101,
7.3031

■ 32.8757, 24.0612,
17.0498

■ 26.5817, 14.9237,
4.3143

■ 36.3844, 29.1975,
24.0186

■ 25.6894, 13.6589,
2.4146

■ 40.6833, 35.5067,
32.5071

■ 25.2462, 13.0417,
1.4367

■ 45.8166, 43.0552,
42.5977

■ 25.2137, 12.9939,
1.3734

■ 51.8249, 51.9040,
54.3668

■ 58.7466, 62.1104,
67.8860

■ 66.6174, 73.7282,
83.2227

■ 75.4713, 86.8083,
100.4406

■ 78.9867, 91.7191,
108.1482

Harmonies

Analogous

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



31.3840, 20.0244, 24.5539



30.1086, 20.0244, 11.5107



25.6587, 20.0244, 5.3851

Triad

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



30.1086, 20.0244, 11.5107



11.7284, 20.0244, 8.7723



18.1247, 20.0244, 66.9582

Complementary

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



30.1086, 20.0244, 11.5107



36.0314, 49.7649, 62.9689

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.



13.6583, 20.0244, 56.3810



30.1086, 20.0244, 11.5107



10.4396, 20.0244, 19.2659

Square

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



30.1086, 20.0244, 11.5107



14.9798, 20.0244, 4.4104



11.0728, 20.0244, 36.9073



23.7574, 20.0244, 61.5075

Rectangle

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



30.1086, 20.0244, 11.5107



21.8704, 20.0244, 3.8364



11.0728, 20.0244, 36.9073



16.4515, 20.0244, 65.0548

Sweetspot

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



30.1091, 20.0255, 11.5110



75.7746, 71.5939, 71.2003



38.2687, 23.1625, 60.2111



15.6501, 14.4871, 14.1236



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.



30.1091, 20.0255, 11.5110



45.1306, 26.7290, 10.3554



36.2242, 32.5133, 12.7556



11.2271, 11.2196, 11.7304



15.7035, 8.0920, 0.8913



0.8155, 0.4196, 0.0743

Inverse Universe

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



30.1091, 20.0255, 11.5110



45.1306, 26.7290, 10.3554



25.3505, 27.6415, 61.7565



11.2271, 11.2196, 11.7304



15.7035, 8.0920, 0.8913



0.8155, 0.4196, 0.0743

Previews

White Background



This preview shows how the XYZ color 30.1086, 20.0244, 11.5107 looks on a white background.

Color Contrast Check

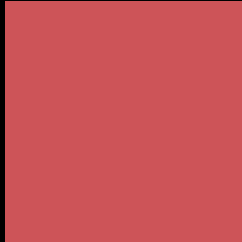
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1086, 20.0244, 11.5107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

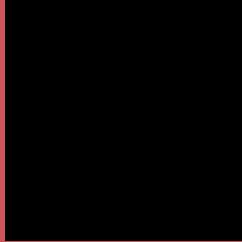
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1086, 20.0244, 11.5107

Background



This preview shows how black text looks on a background with the XYZ color 30.1086, 20.0244, 11.5107.



This preview shows how white text looks on a background with the XYZ color 30.1086, 20.0244,

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

30.1086, 20.0244, 11.5107

Protanopia

19.1692, 20.2812, 16.5400

Deuteranopia

20.5142, 20.1924, 10.7990



Tritanopia

30.1503, 20.0411, 11.7304

Trichromacy



Original Color

30.1086, 20.0244, 11.5107

Protanomaly

21.8213, 19.1072, 14.3423

Deuteranomaly

23.1165, 19.3832, 10.9105

Tritanomaly

30.1503, 20.0411, 11.7304

Monochromacy



Original Color

30.1086, 20.0244, 11.5107

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

21.0718, 18.5047, 16.9291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1086, 20.0244, 11.5107 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, 84, 88)` looks like.

```
.text, #text, p{  
    color:rgb(205, 84, 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(205, 84, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 84, 88) }
```

Border

The CSS property to change the border of an element to XYZ 30.1086, 20.0244, 11.5107 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, 84, 88) }
```


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

```
.border{ border-color:rgb(205, 84, 88) }
```

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

Here you see how a box with a 4 pixel rgb(205, 84, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 84, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 84, 88);  
box-shadow:4px 4px 4px 4px rgb(205, 84,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1086, 20.0244, 11.5107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 84, 88) }
```

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

```
.background{ background-color: rgb(205, 84,  
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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