

Converting Colors

XYZ(30.3090, 20.5665, 11.2555)

Have a look what the booklet for
XYZ(30.3090, 20.5665, 11.2555)
contains.

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Color

**XYZ(30.3463, 20.6305,
11.1868)**

Conversions

Conversions Part 1

Format	Color
Hex	CD5856
RGB	205, 88, 86
RGB Percent	80%, 35%, 34%
CMY	0.1961, 0.6549, 0.6627
CMYK	0.00, 0.57, 0.58, 0.20
HSL	1°, 54%, 57%
HSV	1°, 58%, 80%
XYZ	30.3463, 20.6305, 11.1868
YIQ	122.7550, 70.3740, 24.1820

Conversions

Conversions Part 2

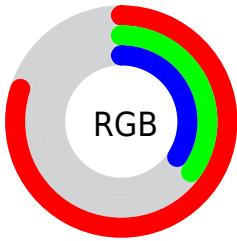
Format	Color
R_{YB}	205, 88, 86
Decimal	13457494
CIE _{Lab}	52.54, 46.29, 24.50
CIE _{LCh}	53, 52.380, 27.893
Yxy	20.6305, 0.4882, 0.3319
Android (android.graphics.Color)	4291647574 (0xFFCD5856)
YUV	122.7550, -18.1202, 72.1289
Hunter-Lab	45.4208, 39.7720, 17.1919

Details

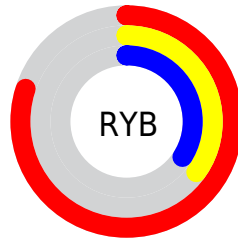
The XYZ color **30.3463, 20.6305, 11.1868** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **36.2116, 49.0949, 65.3251**, and the grayscale version is **18.7884, 19.7668, 21.5261**.

A 20% lighter version of the original color is **55.3569, 42.3836, 28.5558**, and **12.6493, 7.3239, 2.8448** is the 20% darker color. If you saturate the color by 10%, you get **28.2037, 17.4830, 6.9655**, and if you desaturate by 10%, it is **33.1840, 24.7894, 16.8085**.

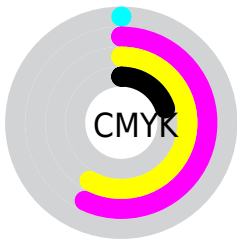
Distribution



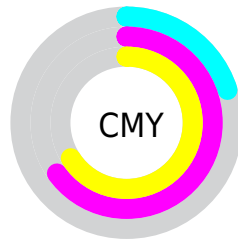
- Red (80%)
- Green (35%)
- Blue (34%)



- Red (80%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (57%)
- Yellow (58%)
- Black (20%)





- Cyan (20%)
- Magenta (65%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3463, 20.6305, 11.1868 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 30.3463, 20.6305, 11.1868 by changing the saturation by 10% instead.


 30.3463, 20.6305,
11.1868


 30.3463, 20.6305,
11.1868


295.3963,
255.3082, 209.7279

 20.2510, 12.8542,
6.0769


 59.5923, 44.4718,
28.6470

 12.6869, 7.3282,
2.8223


 79.4736, 61.3055,
41.8343


 7.2888, 3.6682,
1.0046


 103.3477, 81.9272,
58.5512

 3.6913, 1.4897,
0.0000

 131.5798,
106.7212, 79.2162

 1.5290, 0.2815,
0.0000

 164.5354,
136.0719, 104.2478

 0.3455, 0.0000,
0.0000

202.5798,

 0.0000, 0.0000,

170.3637, 134.0646

0.0000

246.0783,
209.9810, 169.0851

■ 30.3463, 20.6305,
11.1868

■ 30.3463, 20.6305,
11.1868

■ 28.2037, 17.4830,
6.9655

■ 33.1840, 24.7894,
16.8085

■ 26.6951, 15.2579,
4.0208

■ 36.7680, 30.0323,
23.9379

■ 25.7514, 13.8562,
2.2090

■ 41.1464, 36.4291,
32.6731

■ 25.2789, 13.1483,
1.3204

■ 46.3629, 44.0427,
43.1037

■ 25.2142, 13.0541,
1.1908

■ 52.4580, 52.9317,
55.3125

■ 59.4695, 63.1507,
69.3770

■ 67.4332, 74.7513,
85.3701

■ 76.3826, 87.7823,
103.3609

■ 78.9867, 91.7191,
108.1483

Harmonies

Analogous

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



31.9867, 20.6305, 23.5792



30.3463, 20.6305, 11.1868



25.6907, 20.6305, 5.4725

Triad

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



30.3463, 20.6305, 11.1868



12.0346, 20.6305, 10.0339



19.2277, 20.6305, 67.4853

Complementary

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



30.3463, 20.6305, 11.1868



36.2116, 49.0949, 65.3251

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.



14.5713, 20.6305, 58.4520



30.3463, 20.6305, 11.1868



10.9238, 20.6305, 21.3828

Square

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



30.3463, 20.6305, 11.1868



15.1230, 20.6305, 5.0552



11.7598, 20.6305, 39.5344



24.9037, 20.6305, 60.5541

Rectangle

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



30.3463, 20.6305, 11.1868



21.8785, 20.6305, 4.0865



11.7598, 20.6305, 39.5344



17.5016, 20.6305, 66.1530

Sweetspot

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



30.3468, 20.6316, 11.1872



76.7184, 73.2734, 72.1558



39.2860, 23.9474, 59.0618



16.0191, 15.0973, 14.6401



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.



30.3468, 20.6316, 11.1872



45.3948, 27.4545, 9.8357



37.3656, 34.6691, 13.5267



11.2272, 11.2434, 11.6579



15.7039, 8.1407, 0.7436



0.8156, 0.4308, 0.0402

Inverse Universe

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



36.2116, 49.0949, 65.3251



55.8778, 78.3919, 106.7938



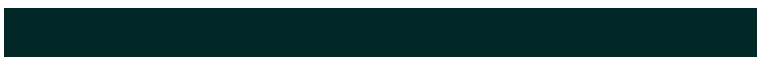
24.7575, 26.1867, 61.5070



11.5264, 12.6933, 14.4129



19.9493, 28.9226, 40.4874



1.0345, 1.5027, 2.0905

Previews

White Background



This preview shows how the XYZ color 30.3463, 20.6305, 11.1868 looks on a white background.

Color Contrast Check

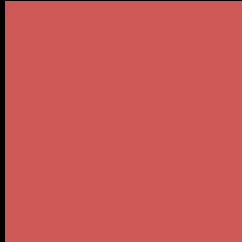
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3463, 20.6305, 11.1868 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 30.3463, 20.6305, 11.1868

Background



This preview shows how black text looks on a background with the XYZ color 30.3463, 20.6305, 11.1868.



This preview shows how white text looks on a background with the XYZ color 30.3463, 20.6305,

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

30.3463, 20.6305, 11.1868

Protanopia

19.5320, 20.8676, 15.5688

Deuteranopia

21.1133, 20.6875, 10.4697



Tritanopia

30.5608, 20.5858, 12.7187

Trichromacy



Original Color

30.3463, 20.6305, 11.1868

Protanomaly

22.2036, 19.8038, 13.7186

Deuteranomaly

23.6801, 19.9922, 10.5935

Tritanomaly

30.4305, 20.5337, 12.0324

Monochromacy



Original Color

30.3463, 20.6305, 11.1868

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.5273, 19.0500, 17.2942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3463, 20.6305, 11.1868 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, 88, 86)` looks like.

```
.text, #text, p{  
    color:rgb(205, 88, 86)  
}
```

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, 88, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 88, 86) }
```

Border

The CSS property to change the border of an element to XYZ 30.3463, 20.6305, 11.1868 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, 88, 86) }
```


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

```
.border{ border-color:rgb(205, 88, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 88, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 88, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 88, 86);  
box-shadow:4px 4px 4px 4px rgb(205, 88,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3463, 20.6305, 11.1868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 88, 86) }
```

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

```
.background{ background-color: rgb(205, 88,  
86) }
```

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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