

Converting Colors

XYZ(31.0274, 20.9304, 5.8681)

Have a look what the booklet for
XYZ(31.0274, 20.9304, 5.8681)
contains.

XYZ(30.9380, 20.9316, 5.8996)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.9380, 20.9316,
5.8996)**

Conversions

Conversions Part 1

Format	Color
Hex	D35736
RGB	211, 87, 54
RGB Percent	83%, 34%, 21%
CMY	0.1726, 0.6588, 0.7882
CMYK	0.00, 0.59, 0.74, 0.17
HSL	13°, 64%, 52%
HSV	13°, 74%, 83%
XYZ	30.9380, 20.9316, 5.8996
YIQ	120.3140, 84.4970, 16.0250

Conversions

Conversions Part 2

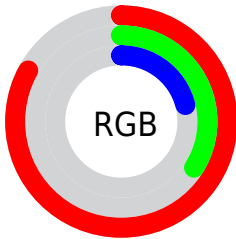
Format	Color
R _Y B	211, 96, 54
Decimal	13850422
CIE Lab	52.87, 47.07, 43.07
CIE LCh	53, 63.801, 42.458
Yxy	20.9316, 0.5355, 0.3623
Android (android.graphics.Color)	4292040502 (0xFFD35736)
YUV	120.3140, -32.6928, 79.5316
Hunter-Lab	45.7511, 40.6417, 24.3803

Details

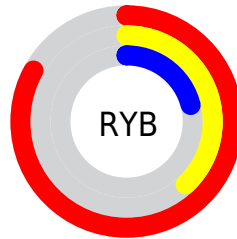
The XYZ color **30.9380, 20.9316, 5.8996** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **29.1981, 37.3253, 67.2932**, and the grayscale version is **18.0366, 18.9759, 20.6647**.

A 20% lighter version of the original color is **53.2131, 41.2890, 17.9969**, and **12.9493, 7.4379, 0.9542** is the 20% darker color. If you saturate the color by 10%, you get **29.3486, 18.3815, 3.4327**, and if you desaturate by 10%, it is **33.0546, 24.1928, 9.6023**.

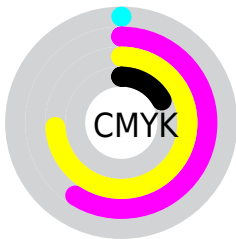
Distribution



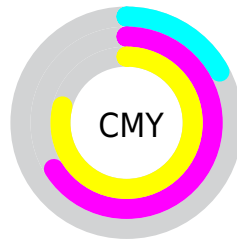
- Red (83%)
- Green (34%)
- Blue (21%)



- Red (83%)
- Yellow (38%)
- Blue (21%)



- Cyan (0%)
- Magenta (59%)
- Yellow (74%)
- Black (17%)





- Cyan (17%)
- Magenta (66%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9380, 20.9316, 5.8996 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 30.9380, 20.9316, 5.8996 by changing the saturation by 10% instead.


 30.9380, 20.9316,
5.8996


 30.9380, 20.9316,
5.8996


298.0846,
256.9148, 167.4466


 20.7032, 13.0740,
2.7163


 60.5190, 44.9737,
18.1962


 13.0185, 7.4795,
0.9516


 80.5959, 61.9269,
28.1466

 7.5184, 3.7638,
0.0000


 104.6842, 82.6809,
41.1898

 3.8375, 1.5423,
0.0000

 133.1493,
107.6199, 57.7443

 1.6106, 0.3182,
0.0000

 166.3565,
137.1284, 78.2287

 0.3993, 0.0000,
0.0000

 204.6712,

 0.0000, 0.0000,

171.5908, 103.0616

0.0000

248.4588,
211.3915, 132.6613

■ 30.9380, 20.9316,
5.8996

■ 30.9380, 20.9316,
5.8996

■ 29.3486, 18.3815,
3.4327

■ 33.0546, 24.1928,
9.6023

■ 28.2332, 16.4835,
2.0351

■ 35.7413, 28.2108,
14.6763

■ 27.7779, 15.6771,
1.5619

■ 39.0380, 33.0314,
21.2407

■ 42.9804, 38.6957,
29.4009

■ 47.6015, 45.2418,
39.2528

■ 52.9319, 52.7057,
50.8849

■ 59.0001, 61.1210,
64.3793

■ 65.8333, 70.5200,
79.8130

■ 73.4572, 80.9331,
97.2587

Harmonies

Analogous

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



35.2319, 20.9316, 15.7495



30.9380, 20.9316, 5.8996



24.0169, 20.9316, 2.6439

Triad

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



30.9380, 20.9316, 5.8996



9.9995, 20.9316, 13.4148



22.7921, 20.9316, 80.7707

Complementary

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



30.9380, 20.9316, 5.8996



29.1981, 37.3253, 67.2932

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.



16.2737, 20.9316, 78.8258



30.9380, 20.9316, 5.8996



9.8145, 20.9316, 31.6693

Square

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



30.9380, 20.9316, 5.8996



12.4316, 20.9316, 5.0122



11.8527, 20.9316, 57.6700



29.8705, 20.9316, 62.0559

Rectangle

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



30.9380, 20.9316, 5.8996



19.3499, 20.9316, 2.2652



11.8527, 20.9316, 57.6700



20.4500, 20.9316, 82.7180

Sweetspot

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



30.9385, 20.9328, 5.8999



74.7556, 71.8156, 63.8937



36.3805, 19.7662, 44.8643



15.5479, 14.7345, 12.6968



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.



30.9385, 20.9328, 5.8999



44.0183, 26.4804, 3.8929



40.7872, 40.6302, 9.1829



12.0073, 12.2053, 12.3350



16.8248, 9.5825, 0.9628



0.9996, 0.6535, 0.0735

Inverse Universe

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



29.1981, 37.3253, 67.2932



40.9127, 52.2324, 102.5333



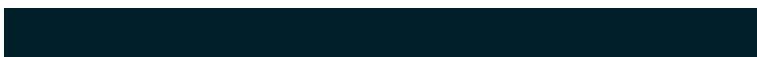
17.9426, 14.8143, 63.5413



11.9386, 12.9675, 15.1174



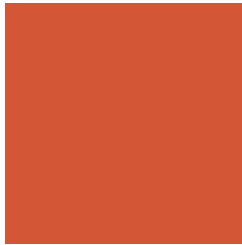
15.4721, 19.5908, 40.1584



0.9193, 1.2037, 2.2635

Previews

White Background



This preview shows how the XYZ color 30.9380, 20.9316, 5.8996 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 30.9380, 20.9316, 5.8996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

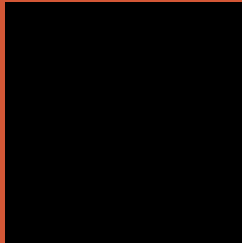
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.9380, 20.9316, 5.8996

Background



This preview shows how black text looks on a background with the XYZ color 30.9380, 20.9316, 5.8996.



This preview shows how white text looks on a background with the XYZ color 30.9380, 20.9316,

5.8996.

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

30.9380, 20.9316, 5.8996

Protanopia

19.3880, 21.1475, 8.2143

Deuteranopia

21.3102, 20.8993, 5.4956



Tritanopia

32.0061, 20.8881, 11.5774

Trichromacy



Original Color

30.9380, 20.9316, 5.8996

Protanomaly

22.3896, 20.0431, 7.2461

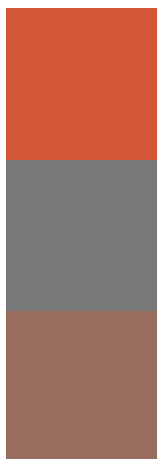
Deuteranomaly

24.0484, 20.2940, 5.5554

Tritanomaly

31.6262, 20.8595, 9.1969

Monochromacy



Original Color

30.9380, 20.9316, 5.8996

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.6108, 18.3420, 13.5204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9380, 20.9316, 5.8996 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(211, 87, 54)` looks like.

```
.text, #text, p{  
    color:rgb(211, 87, 54)  
}
```

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(211, 87, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 87, 54) }
```

Border

The CSS property to change the border of an element to XYZ 30.9380, 20.9316, 5.8996 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(211, 87, 54) }
```


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

```
.border{ border-color:rgb(211, 87, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 87, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 87, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 87, 54);  
box-shadow:4px 4px 4px 4px rgb(211, 87,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9380, 20.9316, 5.8996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 87, 54) }
```

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

```
.background{ background-color: rgb(211, 87,  
54) }
```

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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