

Converting Colors

XYZ(28.5970, 19.2716, 5.3445)

Have a look what the booklet for
XYZ(28.5970, 19.2716, 5.3445)
contains.

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Color

**XYZ(28.5926, 19.2629,
5.3431)**

Conversions

Conversions Part 1

Format	Color
Hex	CC5333
RGB	204, 83, 51
RGB Percent	80%, 33%, 20%
CMY	0.2000, 0.6745, 0.8000
CMYK	0.00, 0.59, 0.75, 0.20
HSL	13°, 60%, 50%
HSV	13°, 75%, 80%
XYZ	28.5926, 19.2629, 5.3431
YIQ	115.5310, 82.3880, 15.7000

Conversions

Conversions Part 2

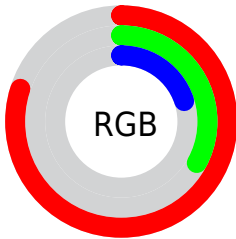
Format	Color
R_{YB}	204, 91, 51
Decimal	13390643
CIE _{Lab}	50.99, 46.26, 42.28
CIE _{LCh}	51, 62.672, 42.430
Yxy	19.2629, 0.5375, 0.3621
Android (android.graphics.Color)	4291580723 (0xFFCC5333)
YUV	115.5310, -31.8138, 77.5873
Hunter-Lab	43.8895, 39.4803, 23.5047

Details

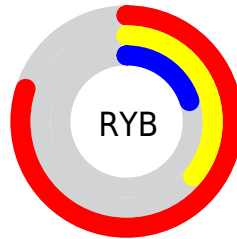
The XYZ color **28.5926, 19.2629, 5.3431** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **27.0154, 34.5657, 62.3742**, and the grayscale version is **16.5343, 17.3954, 18.9435**.

A 20% lighter version of the original color is **52.2963, 39.7692, 16.7243**, and **11.7649, 6.6789, 0.7839** is the 20% darker color. If you saturate the color by 10%, you get **27.1435, 16.9336, 3.1068**, and if you desaturate by 10%, it is **30.5270, 22.2476, 8.7142**.

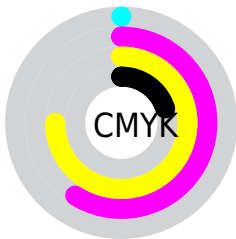
Distribution



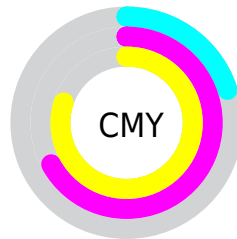
- Red (80%)
- Green (33%)
- Blue (20%)



- Red (80%)
- Yellow (36%)
- Blue (20%)



- Cyan (0%)
- Magenta (59%)
- Yellow (75%)
- Black (20%)





- Cyan (20%)
- Magenta (67%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5926, 19.2629, 5.3431 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 28.5926, 19.2629, 5.3431 by changing the saturation by 10% instead.


 28.5926, 19.2629,
5.3431


 28.5926, 19.2629,
5.3431


287.3168,
247.8963, 162.1534

 18.9156, 11.8604,
2.3877


 56.8312, 42.1779,
17.0049


 11.7129, 6.6487,
0.7797


 76.1235, 58.4591,
26.5484

 6.6193, 3.2434,
0.0000


 99.3517, 78.4688,
39.1249

 3.2694, 1.2601,
0.0000

 126.8810,
102.5911, 55.1532

 1.2978, 0.1100,
0.0000

 159.0768,
131.2107, 75.0516

 0.1816, 0.0000,
0.0000

 196.3044,

 0.0000, 0.0000,

164.7118, 99.2387

0.0000

238.9294,
203.4789, 128.1332

■ 28.5926, 19.2629,
5.3431

■ 28.5926, 19.2629,
5.3431

■ 27.1435, 16.9336,
3.1068

■ 30.5270, 22.2476,
8.7142

■ 26.1301, 15.2049,
1.8506


■ 32.9865, 25.9302,
13.3461


■ 25.7537, 14.5415,
1.4494


■ 36.0082, 30.3531,
19.3489


■ 39.6252, 35.5546,
26.8203

■ 43.8678, 41.5700,
35.8491

 48.7646, 48.4325,
46.5170

 54.3419, 56.1735,
58.9001

 60.6250, 64.8228,
73.0695

 67.6375, 74.4086,
89.0924

Harmonies

Analogous

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



32.5921, 19.2629, 14.4504



28.5926, 19.2629, 5.3431



22.1484, 19.2629, 2.3593

Triad

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



28.5926, 19.2629, 5.3431



9.1333, 19.2629, 12.2636



20.9964, 19.2629, 75.1012

Complementary

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



28.5926, 19.2629, 5.3431



27.0154, 34.5657, 62.3742

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.



14.9408, 19.2629, 73.2614



28.5926, 19.2629, 5.3431



8.9603, 19.2629, 29.2141

Square

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



28.5926, 19.2629, 5.3431



11.3861, 19.2629, 4.5193



10.8441, 19.2629, 53.4695



27.5869, 19.2629, 57.6130

Rectangle

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



28.5926, 19.2629, 5.3431



17.8081, 19.2629, 2.0137



10.8441, 19.2629, 53.4695



18.8188, 19.2629, 76.9167

Sweetspot

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



28.5930, 19.2640, 5.3434



74.7411, 71.7867, 63.8889



33.6671, 18.2376, 41.4840



15.5446, 14.7277, 12.6957



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.



28.5930, 19.2640, 5.3434



43.8371, 26.1648, 3.6881



37.7431, 37.5641, 8.3934



11.3993, 11.5876, 11.7153



16.2650, 9.2630, 0.9307



0.8954, 0.5905, 0.0668

Inverse Universe

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



27.0154, 34.5657, 62.3742



40.7736, 52.0537, 102.5061



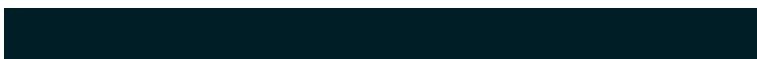
16.5298, 13.5945, 58.8790



11.3363, 12.3130, 14.3495



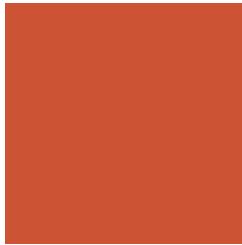
14.9865, 18.9970, 38.8332



0.8245, 1.0827, 2.0205

Previews

White Background



This preview shows how the XYZ color 28.5926, 19.2629, 5.3431 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 28.5926, 19.2629, 5.3431 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 28.5926, 19.2629, 5.3431

Background



This preview shows how black text looks on a background with the XYZ color 28.5926, 19.2629, 5.3431.



This preview shows how white text looks on a background with the XYZ color 28.5926, 19.2629,

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

28.5926, 19.2629, 5.3431

Protanopia

17.8484, 19.4288, 7.5121

Deuteranopia

19.6303, 19.3406, 4.9840



Tritanopia

29.5731, 19.2112, 10.5370

Trichromacy



Original Color

28.5926, 19.2629, 5.3431

Protanomaly

20.6492, 18.5145, 6.6230

Deuteranomaly

22.2380, 18.7558, 5.0329

Tritanomaly

29.2152, 19.1843, 8.2940

Monochromacy



Original Color

28.5926, 19.2629, 5.3431

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.0948, 16.9692, 12.3942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5926, 19.2629, 5.3431 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(204, 83, 51)` looks like.

```
.text, #text, p{  
    color:rgb(204, 83, 51)  
}
```

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(204, 83, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 83, 51) }
```

Border

The CSS property to change the border of an element to XYZ 28.5926, 19.2629, 5.3431 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(204, 83, 51) }
```


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

```
.border{ border-color:rgb(204, 83, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 83, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 83, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 83, 51);  
box-shadow:4px 4px 4px 4px rgb(204, 83,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5926, 19.2629, 5.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 83, 51) }
```

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

```
.background{ background-color: rgb(204, 83,  
51) }
```

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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