

Converting Colors

XYZ(30.3041, 27.9974, 6.1506)

Have a look what the booklet for
XYZ(30.3041, 27.9974, 6.1506)
contains.

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Color

**XYZ(30.3280, 28.0333,
6.1954)**

Conversions

Conversions Part 1

Format	Color
Hex	BF852C
RGB	191, 133, 44
RGB Percent	75%, 52%, 17%
CMY	0.2510, 0.4784, 0.8274
CMYK	0.00, 0.30, 0.77, 0.25
HSL	36°, 63%, 46%
HSV	36°, 77%, 75%
XYZ	30.3280, 28.0333, 6.1954
YIQ	140.1960, 63.1370, -15.3830

Conversions

Conversions Part 2

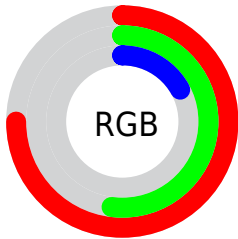
Format	Color
RYB	140, 191, 44
Decimal	12551468
CIELab	59.92, 14.43, 53.97
CIELCh	60, 55.866, 75.028
Yxy	28.0333, 0.4698, 0.4342
Android (android.graphics.Color)	4290741548 (0xFFBF852C)
YUV	140.1960, -47.4246, 44.5551
Hunter-Lab	52.9465, 9.5893, 30.1249

Details

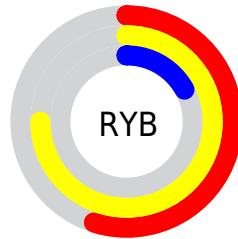
The XYZ color **30.3280, 28.0333, 6.1954** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **15.1938, 13.7992, 51.1525**, and the grayscale version is **25.1658, 26.4764, 28.8328**.

A 20% lighter version of the original color is **59.4539, 56.4716, 18.8329**, and **12.8432, 11.3272, 1.5095** is the 20% darker color. If you saturate the color by 10%, you get **29.0534, 25.9326, 4.3884**, and if you desaturate by 10%, it is **31.8431, 30.3510, 8.8978**.

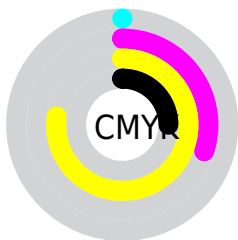
Distribution



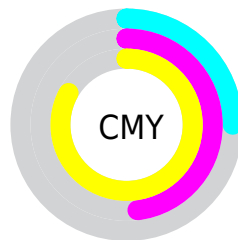
- Red (75%)
- Green (52%)
- Blue (17%)



- Red (55%)
- Yellow (75%)
- Blue (17%)



- Cyan (0%)
- Magenta (30%)
- Yellow (77%)
- Black (25%)





- Cyan (25%)
- Magenta (48%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3280, 28.0333, 6.1954 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 30.3280, 28.0333, 6.1954 by changing the saturation by 10% instead.


 30.3280, 28.0333,
6.1954


 30.3280, 28.0333,
6.1954


295.3128,
292.6260, 170.1688

 20.2370, 18.3508,
2.8936


 59.5636, 56.5376,
18.8198


 12.6767, 11.2021,
1.0405


 79.4389, 76.1282,
28.9794

 7.2818, 6.2029,
0.0000


 103.3063, 99.7902,
42.2620

 3.6868, 2.9689,
0.0000

 131.5312,
127.9080, 59.0861

 1.5265, 1.1155,
0.0000

 164.4789,
160.8662, 79.8703

 0.3438, 0.0000,
0.0000

 202.5149,

 0.0000, 0.0000,

199.0489, 105.0331

0.0000

246.0044,
242.8408, 134.9931

■ 30.3280, 28.0333,
6.1954

■ 30.3280, 28.0333,
6.1954

■ 29.0534, 25.9326,
4.3884

■ 31.8431, 30.3510,
8.8978

■ 27.9882, 24.0305,
3.3299

■ 33.6183, 32.8923,
12.6002

■ 27.6902, 23.4854,
3.0737

■ 35.6729, 35.6686,
17.3945

■ 38.0237, 38.6888,
23.3614

■ 40.6857, 41.9611,
30.5741

■ 43.6730, 45.4933,
39.0997

■ 46.9987, 49.2927,
49.0004

■ 50.6750, 53.3662,
60.3346

■ 54.7134, 57.7205,
73.1571

Harmonies

Analogous

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



37.5001, 28.0333, 10.3825



30.3280, 28.0333, 6.1954



23.2606, 28.0333, 6.1989

Triad

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



30.3280, 28.0333, 6.1954



15.5187, 28.0333, 41.8205



37.5121, 28.0333, 67.3150

Complementary

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



30.3280, 28.0333, 6.1954



15.1938, 13.7992, 51.1525

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.



30.3423, 28.0333, 85.9661



30.3280, 28.0333, 6.1954



18.1170, 28.0333, 67.3616

Square

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



30.3280, 28.0333, 6.1954



15.5163, 28.0333, 21.4993



23.2726, 28.0333, 85.9862



42.1218, 28.0333, 41.7742

Rectangle

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



30.3280, 28.0333, 6.1954



19.5544, 28.0333, 8.4021



23.2726, 28.0333, 85.9862



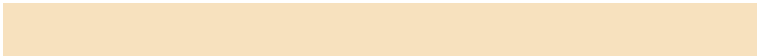
35.2703, 28.0333, 75.0149

Sweetspot

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



30.3286, 28.0347, 6.1959



74.7255, 77.3749, 59.9753



24.8247, 13.8532, 14.1453



15.9946, 16.4948, 12.0056



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.3286, 28.0347, 6.1959



50.7595, 44.1952, 6.5072



37.0577, 46.7082, 9.4456



9.9977, 10.4714, 10.0709



18.2781, 15.5950, 2.0468



0.7781, 0.7350, 0.1009

Inverse Universe

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



15.1938, 13.7992, 51.1525



22.6561, 17.9422, 90.5482



12.0908, 6.4839, 49.9040



9.3170, 9.8263, 12.0778



7.9232, 5.9582, 33.1253



0.3744, 0.3615, 1.3189

Previews

White Background



This preview shows how the XYZ color 30.3280, 28.0333, 6.1954 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 30.3280, 28.0333, 6.1954 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 30.3280, 28.0333, 6.1954

Background



This preview shows how black text looks on a background with the XYZ color 30.3280, 28.0333, 6.1954.



This preview shows how white text looks on a background with the XYZ color 30.3280, 28.0333,

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

30.3280, 28.0333, 6.1954

Protanopia

25.5388, 28.1374, 6.7744

Deuteranopia

28.6550, 28.0036, 6.0854



Tritanopia

34.2757, 27.8723, 26.1276

Trichromacy



Original Color

30.3280, 28.0333, 6.1954

Protanomaly

27.2516, 28.1312, 6.5783

Deuteranomaly

29.2478, 28.0970, 6.1672

Tritanomaly

32.1865, 27.5877, 15.9405

Monochromacy



Original Color

30.3280, 28.0333, 6.1954

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.7935, 26.2822, 17.0781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3280, 28.0333, 6.1954 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(191, 133, 44)` looks like.

```
.text, #text, p{  
    color:rgb(191, 133, 44)  
}
```

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(191, 133, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 133, 44) }
```

Border

The CSS property to change the border of an element to XYZ 30.3280, 28.0333, 6.1954 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(191, 133, 44) }
```


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

```
.border{ border-color:rgb(191, 133, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 133, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 133, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 133, 44);  
box-shadow:4px 4px 4px 4px rgb(191, 133,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3280, 28.0333, 6.1954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 133, 44) }
```

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

```
.background{ background-color: rgb(191,  
133, 44) }
```

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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