

Converting Colors

XYZ(30.0978, 29.2105, 8.2581)

Have a look what the booklet for
XYZ(30.0978, 29.2105, 8.2581)
contains.

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Color

**XYZ(30.0558, 29.1058,
8.3088)**

Conversions

Conversions Part 1

Format	Color
Hex	B98B3C
RGB	185, 139, 60
RGB Percent	73%, 55%, 24%
CMY	0.2745, 0.4549, 0.7647
CMYK	0.00, 0.25, 0.68, 0.27
HSL	38°, 51%, 48%
HSV	38°, 68%, 73%
XYZ	30.0558, 29.1058, 8.3088
YIQ	143.7480, 52.7750, -14.8170

Conversions

Conversions Part 2

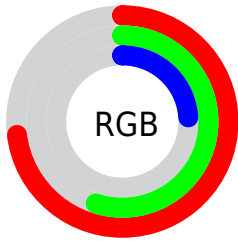
Format	Color
R_{YB}	133, 185, 60
Decimal	12159804
CIE _{Lab}	60.87, 9.29, 47.71
CIE _{LCh}	61, 48.607, 78.986
Yxy	29.1058, 0.4455, 0.4314
Android (android.graphics.Color)	4290349884 (0xFFB98B3C)
YUV	143.7480, -41.2878, 36.1780
Hunter-Lab	53.9498, 5.0314, 28.6336

Details

The XYZ color **30.0558, 29.1058, 8.3088** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **15.7741, 14.7708, 47.9182**, and the grayscale version is **26.5545, 27.9374, 30.4238**.

A 20% lighter version of the original color is **59.0271, 58.0801, 23.1384**, and **12.4964, 11.7427, 1.7228** is the 20% darker color. If you saturate the color by 10%, you get **28.6946, 27.0341, 5.8498**, and if you desaturate by 10%, it is **31.6507, 31.3715, 11.6896**.

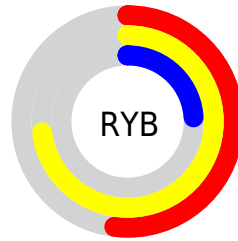
Distribution



Red (73%)

Green (55%)

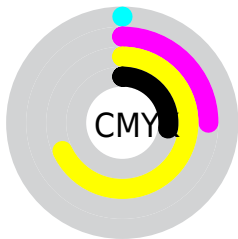
Blue (24%)



Red (52%)

Yellow (73%)

Blue (24%)

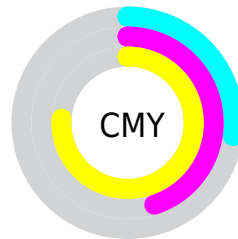


Cyan (0%)

Magenta (25%)

Yellow (68%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0558, 29.1058, 8.3088 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 30.0558, 29.1058, 8.3088 by changing the saturation by 10% instead.


 30.0558, 29.1058,
8.3088

 30.0558, 29.1058,
8.3088


294.0696,
297.7138, 188.1585

 20.0292, 19.1609,
4.2026


 59.1364, 58.2451,
23.1177

 12.5247, 11.7866,
1.7371


 78.9212, 78.2083,
34.6575

 7.1768, 6.5985,
0.3860


 102.6894,
102.2798, 49.5122

 3.6202, 3.2123,
0.0000

 130.8064,
130.8438, 68.1003

 1.4896, 1.2436,
0.0000

 163.6376,
164.2848, 90.8405

 0.3187, 0.0969,
0.0000

 201.5483,

 0.0000, 0.0000,

202.9872, 118.1513

0.0000

244.9038,
247.3354, 150.4511

■ 30.0558, 29.1058,
8.3088

■ 30.0558, 29.1058,
8.3088

■ 28.6946, 27.0341,
5.8498

■ 31.6507, 31.3715,
11.6896

■ 27.5453, 25.1424,
4.2119

■ 33.4943, 33.8355,
16.0753

■ 26.5795, 23.4188,
3.2487

■ 35.6026, 36.5070,
21.5416

■ 26.3602, 23.0197,
3.0539

■ 37.9895, 39.3932,
28.1563

■ 40.6677, 42.5008,
35.9817

■ 43.6490, 45.8360,
45.0756

■ 46.9447, 49.4050,
55.4920

■ 50.5653, 53.2134,
67.2817

■ 54.5208, 57.2668,
80.4929

Harmonies

Analogous

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



36.4471, 29.1058, 11.9914



30.0558, 29.1058, 8.3088



23.8894, 29.1058, 8.8334

Triad

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



30.0558, 29.1058, 8.3088



17.6753, 29.1058, 44.4418



37.9045, 29.1058, 60.5199

Complementary

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



30.0558, 29.1058, 8.3088



15.7741, 14.7708, 47.9182

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.



31.8170, 29.1058, 77.4149



30.0558, 29.1058, 8.3088



20.4194, 29.1058, 65.9508

Square

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



30.0558, 29.1058, 8.3088



17.3523, 29.1058, 25.4861



25.4029, 29.1058, 79.7129



41.4174, 29.1058, 38.8298

Rectangle

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



30.0558, 29.1058, 8.3088



20.6901, 29.1058, 11.5813



25.4029, 29.1058, 79.7129



36.0520, 29.1058, 67.2519

Sweetspot

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



30.0565, 29.1072, 8.3094



71.4585, 74.5423, 60.3517



24.3258, 14.6271, 15.7056



15.1140, 15.7333, 12.1572



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.0565, 29.1072, 8.3094



50.3679, 46.7670, 8.9101



34.8322, 43.6164, 10.8582



9.4649, 9.9327, 9.5252



18.0205, 15.8173, 2.1033



0.6922, 0.6715, 0.0931

Inverse Universe

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



15.7741, 14.7708, 47.9182



23.1494, 19.5629, 84.7605



13.2422, 8.2139, 46.7861



8.7845, 9.2462, 11.4011



7.4375, 5.3348, 31.8908



0.3222, 0.3081, 1.1442

Previews

White Background



This preview shows how the XYZ color 30.0558, 29.1058, 8.3088 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 30.0558, 29.1058, 8.3088 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 30.0558, 29.1058, 8.3088

Background



This preview shows how black text looks on a background with the XYZ color 30.0558, 29.1058, 8.3088.



This preview shows how white text looks on a background with the XYZ color 30.0558, 29.1058,

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

30.0558, 29.1058, 8.3088

Protanopia

26.6131, 29.1078, 8.7731

Deuteranopia

29.7221, 29.1497, 8.3349



Tritanopia

34.3358, 29.2024, 28.6379

Trichromacy



Original Color

30.0558, 29.1058, 8.3088

Protanomaly

27.8288, 29.0541, 8.5561

Deuteranomaly

29.9609, 29.2728, 8.3461

Tritanomaly

32.3806, 29.0167, 18.9331

Monochromacy



Original Color

30.0558, 29.1058, 8.3088

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9517, 27.9092, 19.5893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0558, 29.1058, 8.3088 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(185, 139, 60)` looks like.

```
.text, #text, p{  
    color:rgb(185, 139, 60)  
}
```

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(185, 139, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 139, 60) }
```

Border

The CSS property to change the border of an element to XYZ 30.0558, 29.1058, 8.3088 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(185, 139, 60) }
```


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

```
.border{ border-color:rgb(185, 139, 60) }
```

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

Here you see how a box with a 4 pixel rgb(185, 139, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 139, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 139, 60);  
box-shadow:4px 4px 4px 4px rgb(185, 139,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0558, 29.1058, 8.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 139, 60) }
```

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

```
.background{ background-color: rgb(185,  
139, 60) }
```

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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