

Converting Colors

XYZ(28.7903, 26.5372, 3.6048)

Have a look what the booklet for
XYZ(28.7903, 26.5372, 3.6048)
contains.

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Color

**XYZ(28.8365, 26.5193,
3.5989)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8100
RGB	189, 129, 0
RGB Percent	74%, 51%, 0%
CMY	0.2588, 0.4941, 1.0000
CMYK	0.00, 0.32, 1.00, 0.26
HSL	41°, 100%, 37%
HSV	41°, 100%, 74%
XYZ	28.8365, 26.5193, 3.5989
YIQ	132.2340, 77.1690, -27.3990

Conversions

Conversions Part 2

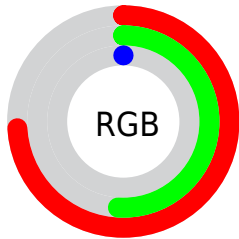
Format	Color
R_{YB}	88, 189, 0
Decimal	12419328
CIE _{Lab}	58.53, 14.74, 64.31
CIE _{LCh}	59, 65.976, 77.093
Yxy	26.5193, 0.4891, 0.4498
Android (android.graphics.Color)	4290609408 (0xFFBD8100)
YUV	132.2340, -65.1914, 49.7838
Hunter-Lab	51.4969, 9.8343, 31.9043

Details

The XYZ color **28.8365, 26.5193, 3.5989** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.8014, 6.9062, 48.9074**, and the grayscale version is **22.2264, 23.3839, 25.4651**.

A 20% lighter version of the original color is **57.2265, 54.2096, 13.0776**, and **12.0746, 10.4831, 1.3871** is the 20% darker color. If you saturate the color by 10%, you get **28.8366, 26.5198, 3.5990**, and if you desaturate by 10%, it is **29.7675, 28.1948, 4.4853**.

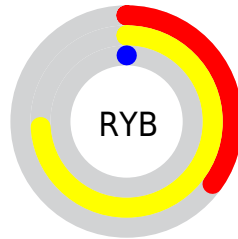
Distribution



Red (74%)

Green (51%)

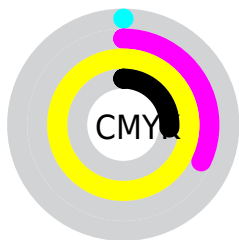
Blue (0%)



Red (35%)

Yellow (74%)

Blue (0%)

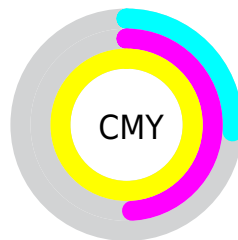


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (26%)



Cyan (26%)


Magenta (49%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8365, 26.5193, 3.5989 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 28.8365, 26.5193, 3.5989 by changing the saturation by 10% instead.


 28.8365, 26.5193,
3.5989

 28.8365, 26.5193,
3.5989


288.4509,
285.3221, 143.6570


 19.1008, 17.2125,
1.4080


 57.2166, 54.1115,
13.0736

 11.8476, 10.3861,
0.1479


 76.5917, 73.1658,
21.1945

 6.7114, 5.6557,
0.0000


 99.9107, 96.2380,
32.1291

 3.3270, 2.6369,
0.0000

 127.5389,
123.7125, 46.2959

 1.3290, 0.9452,
0.0000

 159.8416,
155.9738, 64.1136

 0.2047, 0.0000,
0.0000

 197.1843,

 0.0000, 0.0000,

193.4062, 86.0007

0.0000

■ 239.9323,
236.3942, 112.3756

■ 28.8365, 26.5193,
3.5989

■ 28.8365, 26.5193,
3.5989

■ 28.8366, 26.5198,
3.5990

■ 29.7675, 28.1948,
4.4853

■ 30.8584, 30.0086,
5.9835

■ 32.1518, 31.9800,
8.3112

■ 33.6689, 34.1189,
11.5776

■ 35.4282, 36.4336,
15.8750

■ 37.4456, 38.9317,
21.2848

■ 39.7356, 41.6202,
27.8801

■ 42.3117, 44.5053,
35.7276

■ 45.1861, 47.5932,
44.8891

Harmonies

Analogous

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



37.3266, 26.5193, 7.0129



28.8365, 26.5193, 3.5989



20.9111, 26.5193, 3.8128

Triad

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



28.8365, 26.5193, 3.5989



13.0847, 26.5193, 44.0202



38.3783, 26.5193, 70.9754

Complementary

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



28.8365, 26.5193, 3.5989



10.8014, 6.9062, 48.9074

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.



30.0516, 26.5193, 95.6669



28.8365, 26.5193, 3.5989



16.0419, 26.5193, 75.2417

Square

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



28.8365, 26.5193, 3.5989



12.8960, 26.5193, 20.0357



21.8934, 26.5193, 97.5476



43.5767, 26.5193, 39.9934

Rectangle

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



28.8365, 26.5193, 3.5989



16.9515, 26.5193, 5.9434



21.8934, 26.5193, 97.5476



35.7805, 26.5193, 80.8681

Sweetspot

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



28.8371, 26.5207, 3.5994



70.9567, 74.3009, 49.3099



21.8836, 11.1779, 5.7077



14.8762, 15.5340, 9.4853



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



28.8371, 26.5207, 3.5994



51.4215, 47.0467, 6.3707



32.2001, 43.6135, 6.7214



10.0599, 10.5958, 10.0916



19.4735, 17.9858, 2.4452



0.8192, 0.8173, 0.1146

Inverse Universe

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



10.8014, 6.9062, 48.9074



19.1548, 11.9881, 87.5306



9.7658, 3.9736, 48.3959



9.2571, 9.7065, 12.0578



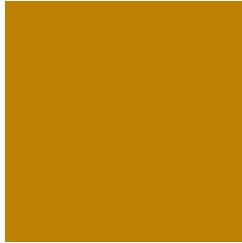
7.3288, 4.7694, 32.9272



0.3475, 0.3077, 1.3099

Previews

White Background



This preview shows how the XYZ color 28.8365, 26.5193, 3.5989 looks on a white background.

Color Contrast Check

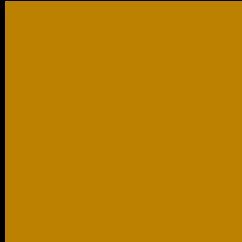
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8365, 26.5193, 3.5989 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 28.8365, 26.5193, 3.5989

Background



This preview shows how black text looks on a background with the XYZ color 28.8365, 26.5193, 3.5989.



This preview shows how white text looks on a background with the XYZ color 28.8365, 26.5193,

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

28.8365, 26.5193, 3.5989

Protanopia

24.0374, 26.7435, 4.2429

Deuteranopia

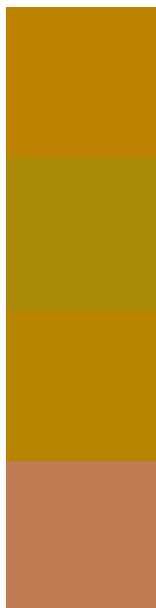
27.1155, 26.6339, 3.7117



Tritanopia

33.1846, 26.6200, 24.1580

Trichromacy



Original Color

28.8365, 26.5193, 3.5989

Protanomaly

25.5671, 26.4549, 3.9885

Deuteranomaly

27.7797, 26.5698, 3.6643

Tritanomaly

30.5983, 26.1126, 11.4102

Monochromacy



Original Color

28.8365, 26.5193, 3.5989

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.8534, 23.6450, 11.7469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8365, 26.5193, 3.5989 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(189, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(189, 129, 0)  
}
```

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(189, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 129, 0) }
```

Border

The CSS property to change the border of an element to XYZ 28.8365, 26.5193, 3.5989 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(189, 129, 0) }
```


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

```
.border{ border-color:rgb(189, 129, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 129, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(189, 129,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8365, 26.5193, 3.5989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 129, 0) }
```

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

```
.background{ background-color: rgb(189,  
129, 0) }
```

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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