

Converting Colors

XYZ(29.6175, 26.6802, 5.4442)

Have a look what the booklet for
XYZ(29.6175, 26.6802, 5.4442)
contains.

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Color

**XYZ(29.5549, 26.6546,
5.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8026
RGB	191, 128, 38
RGB Percent	75%, 50%, 15%
CMY	0.2510, 0.4980, 0.8510
CMYK	0.00, 0.33, 0.80, 0.25
HSL	35°, 67%, 45%
HSV	35°, 80%, 75%
XYZ	29.5549, 26.6546, 5.4209
YIQ	136.5770, 66.4380, -14.6340

Conversions

Conversions Part 2

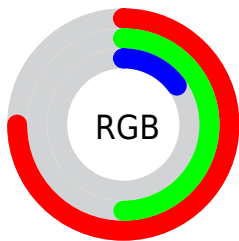
Format	Color
R_{YB}	145, 191, 38
Decimal	12550182
CIE _{Lab}	58.65, 16.96, 55.14
CIE _{LCh}	59, 57.686, 72.903
Yxy	26.6546, 0.4796, 0.4325
Android (android.graphics.Color)	4290740262 (0xFFBF8026)
YUV	136.5770, -48.5985, 47.7290
Hunter-Lab	51.6281, 11.8345, 29.9143

Details

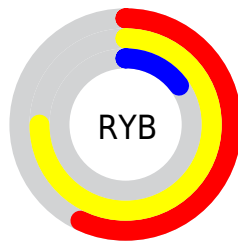
The XYZ color **29.5549, 26.6546, 5.4209** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **14.8569, 13.4807, 51.1090**, and the grayscale version is **23.7788, 25.0171, 27.2437**.

A 20% lighter version of the original color is **58.5142, 54.4814, 17.1048**, and **12.3117, 10.4975, 1.3773** is the 20% darker color. If you saturate the color by 10%, you get **28.3359, 24.5899, 3.8646**, and if you desaturate by 10%, it is **31.0126, 28.9443, 7.8367**.

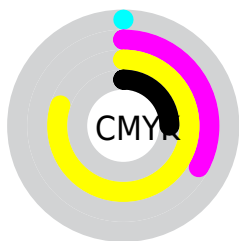
Distribution



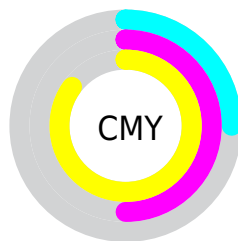
- Red (75%)
- Green (50%)
- Blue (15%)



- Red (57%)
- Yellow (75%)
- Blue (15%)



- Cyan (0%)
- Magenta (33%)
- Yellow (80%)
- Black (25%)





- Cyan (25%)
- Magenta (50%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5549, 26.6546, 5.4209 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 29.5549, 26.6546, 5.4209 by changing the saturation by 10% instead.


 29.5549, 26.6546,
5.4209


 29.5549, 26.6546,
5.4209


291.7714,
285.9808, 162.9079


 19.6474, 17.3140,
2.4333

 58.3490, 54.3291,
17.1730

 12.2458, 10.4586,
0.8045


 77.9664, 73.4318,
26.7744

 6.9847, 5.7041,
0.0000


 101.5510, 96.5573,
39.4176

 3.4988, 2.6660,
0.0000

 129.4683,
124.0900, 55.5210

 1.4227, 0.9599,
0.0000

 162.0837,
156.4143, 75.5032

 0.2723, 0.0000,
0.0000

 199.7624,

 0.0000, 0.0000,

193.9146, 99.7827

0.0000

242.8698,
236.9754, 128.7781

■ 29.5549, 26.6546,
5.4209

■ 29.5549, 26.6546,
5.4209

■ 28.3359, 24.5899,
3.8646

■ 31.0126, 28.9443,
7.8367

■ 27.3195, 22.7437,
2.9501

■ 32.7303, 31.4668,
11.2233

■ 34.7282, 34.2342,
15.6764

■ 37.0238, 37.2559,
21.2800

■ 39.6328, 40.5408,
28.1094

■ 42.5699, 44.0972,
36.2335

■ 45.8484, 47.9330,
45.7160

■ 49.4812, 52.0554,
56.6166

■ 53.4801, 56.4717,
68.9910

Harmonies

Analogous

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



36.6829, 26.6546, 9.7386



29.5549, 26.6546, 5.4209



22.4121, 26.6546, 5.1830

Triad

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



29.5549, 26.6546, 5.4209



14.2389, 26.6546, 38.6370



35.7879, 26.6546, 68.0166

Complementary

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



29.5549, 26.6546, 5.4209



14.8569, 13.4807, 51.1090

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.



28.5003, 26.6546, 86.0948



29.5549, 26.6546, 5.4209



16.6071, 26.6546, 64.5156

Square

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



29.5549, 26.6546, 5.4209



14.4154, 26.6546, 18.9955



21.5361, 26.6546, 84.5779



40.7164, 26.6546, 42.0722

Rectangle

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



29.5549, 26.6546, 5.4209



18.6303, 26.6546, 7.0419



21.5361, 26.6546, 84.5779



33.4800, 26.6546, 75.6587

Sweetspot

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



29.5555, 26.6560, 5.4214



73.9199, 76.1940, 58.3800



24.5650, 13.4172, 13.8010



15.8206, 16.2311, 11.6875



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.



29.5555, 26.6560, 5.4214



49.3750, 41.5384, 5.6995



37.3981, 46.8959, 8.9148



9.9839, 10.4438, 10.0663



18.0349, 15.1087, 1.9657



0.7694, 0.7178, 0.0980

Inverse Universe

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



14.8569, 13.4807, 51.1090



22.2936, 17.4553, 90.4733



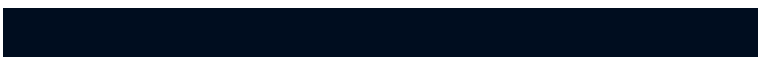
11.4500, 5.8454, 49.8148



9.3305, 9.8532, 12.0823



8.0760, 6.2637, 33.1763



0.3809, 0.3745, 1.3211

Previews

White Background



This preview shows how the XYZ color 29.5549, 26.6546, 5.4209 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 29.5549, 26.6546, 5.4209 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 29.5549, 26.6546, 5.4209

Background



This preview shows how black text looks on a background with the XYZ color 29.5549, 26.6546, 5.4209.



This preview shows how white text looks on a background with the XYZ color 29.5549, 26.6546,

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

29.5549, 26.6546, 5.4209

Protanopia

24.3890, 26.8841, 6.0942

Deuteranopia

27.1886, 26.6365, 5.2985



Tritanopia

33.3777, 26.7272, 23.8217

Trichromacy



Original Color

29.5549, 26.6546, 5.4209

Protanomaly

26.1405, 26.7093, 5.8755

Deuteranomaly

28.0981, 26.6972, 5.3412

Tritanomaly

31.3967, 26.4615, 14.2793

Monochromacy



Original Color

29.5549, 26.6546, 5.4209

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.7787, 25.1579, 15.8619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5549, 26.6546, 5.4209 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, 128, 38)` looks like.

```
.text, #text, p{  
    color:rgb(191, 128, 38)  
}
```

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, 128, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 128, 38) }
```

Border

The CSS property to change the border of an element to XYZ 29.5549, 26.6546, 5.4209 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, 128, 38) }
```


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

```
.border{ border-color:rgb(191, 128, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 128, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 128, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 128, 38);  
box-shadow:4px 4px 4px 4px rgb(191, 128,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5549, 26.6546, 5.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 128, 38) }
```

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

```
.background{ background-color: rgb(191,  
128, 38) }
```

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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