

Converting Colors

XYZ(27.4235, 26.3458, 5.4736)

Have a look what the booklet for
XYZ(27.4235, 26.3458, 5.4736)
contains.

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Color

**XYZ(27.4235, 26.3458,
5.4736)**

Conversions

Conversions Part 1

Format	Color
Hex	B48426
RGB	180, 132, 38
RGB Percent	71%, 52%, 15%
CMY	0.2941, 0.4823, 0.8510
CMYK	0.00, 0.27, 0.79, 0.29
HSL	40°, 65%, 43%
HSV	40°, 79%, 71%
XYZ	27.4235, 26.3458, 5.4736
YIQ	135.6360, 58.7820, -19.0580

Conversions

Conversions Part 2

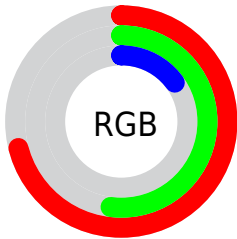
Format	Color
R_{YB}	111, 180, 38
Decimal	11830310
CIE _{Lab}	58.36, 9.86, 54.40
CIE _{LCh}	58, 55.287, 79.727
Yxy	26.3458, 0.4629, 0.4447
Android (android.graphics.Color)	4290020390 (0xFFB48426)
YUV	135.6360, -48.1345, 38.9072
Hunter-Lab	51.3282, 5.5443, 29.6071

Details

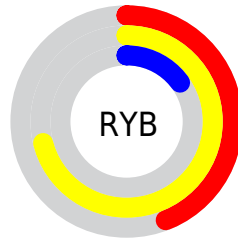
The XYZ color **27.4235, 26.3458, 5.4736** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.3652, 10.3626, 44.5281**, and the grayscale version is **23.4251, 24.6450, 26.8385**.

A 20% lighter version of the original color is **55.1725, 53.9785, 17.4085**, and **11.2616, 10.3975, 1.4134** is the 20% darker color. If you saturate the color by 10%, you get **26.3993, 24.6553, 4.0295**, and if you desaturate by 10%, it is **28.6374, 28.1913, 7.6739**.

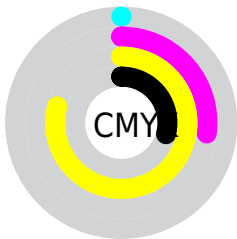
Distribution



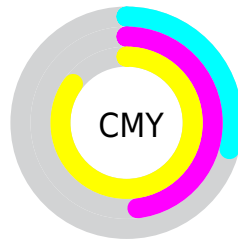
- Red (71%)
- Green (52%)
- Blue (15%)



- Red (44%)
- Yellow (71%)
- Blue (15%)



- Cyan (0%)
- Magenta (27%)
- Yellow (79%)
- Black (29%)





- Cyan (29%)
- Magenta (48%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4235, 26.3458, 5.4736 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 27.4235, 26.3458, 5.4736 by changing the saturation by 10% instead.


 27.4235, 26.3458,
5.4736


 27.4235, 26.3458,
5.4736


281.8321,
284.4755, 163.4161


 18.0298, 17.0825,
2.4642


 54.9778, 53.8323,
17.2865


 11.0712, 10.2933,
0.8211


 73.8691, 72.8243,
26.9271

 6.1824, 5.5939,
0.0000


 96.6570, 95.8279,
39.6151

 2.9980, 2.5997,
0.0000

 123.7067,
123.2277, 55.7692

 1.1527, 0.9265,
0.0000

 155.3838,
155.4079, 75.8077

 0.0685, 0.0000,
0.0000

 192.0535,

 0.0000, 0.0000,

192.7531, 100.1494

0.0000

234.0811,
235.6474, 129.2127

■ 27.4235, 26.3458,
5.4736

■ 27.4235, 26.3458,
5.4736

■ 26.3993, 24.6553,
4.0295

■ 28.6374, 28.1913,
7.6739

■ 25.5301, 23.1015,
3.1710

■ 30.0578, 30.1966,
10.7235

■ 25.4381, 22.9350,
3.0862

■ 31.7015, 32.3708,
14.7033

■ 33.5826, 34.7206,
19.6845

■ 35.7140, 37.2524,
25.7312

■ 38.1075, 39.9721,
32.9022

■ 40.7741, 42.8852,
41.2520

■ 43.7242, 45.9971,
50.8313

■ 46.9674, 49.3125,
61.6881

Harmonies

Analogous

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



34.3855, 26.3458, 8.6664



27.4235, 26.3458, 5.4736



20.9170, 26.3458, 6.0152

Triad

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



27.4235, 26.3458, 5.4736



14.7171, 26.3458, 43.1234



36.2851, 26.3458, 59.9824

Complementary

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



27.4235, 26.3458, 5.4736



12.3652, 10.3626, 44.5281

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.



29.6741, 26.3458, 79.7140



27.4235, 26.3458, 5.4736



17.5641, 26.3458, 67.3357

Square

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



27.4235, 26.3458, 5.4736



14.3327, 26.3458, 22.5640



22.8004, 26.3458, 82.8840



40.0768, 26.3458, 35.8260

Rectangle

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



27.4235, 26.3458, 5.4736



17.6388, 26.3458, 8.5645



22.8004, 26.3458, 82.8840



34.2688, 26.3458, 67.7380

Sweetspot

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



27.4241, 26.3471, 5.4741



66.6404, 69.7118, 52.2189



21.2646, 11.7893, 10.3227



14.0825, 14.6990, 10.3360



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.4241, 26.3471, 5.4741



46.6385, 42.5095, 6.0863



30.9096, 40.1225, 7.9493



8.9503, 9.4131, 8.9977



17.8184, 16.1354, 2.1753



0.6120, 0.6103, 0.0855

Inverse Universe

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



12.3652, 10.3626, 44.5281



18.4985, 12.8773, 79.8052



10.7530, 5.6208, 43.6978



8.2689, 8.6841, 10.7467



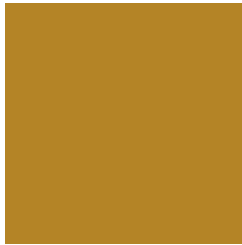
6.9650, 4.7304, 30.6830



0.2745, 0.2595, 0.9839

Previews

White Background



This preview shows how the XYZ color 27.4235, 26.3458, 5.4736 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 27.4235, 26.3458, 5.4736 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 27.4235, 26.3458, 5.4736

Background



This preview shows how black text looks on a background with the XYZ color 27.4235, 26.3458, 5.4736.



This preview shows how white text looks on a background with the XYZ color 27.4235, 26.3458,

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

27.4235, 26.3458, 5.4736

Protanopia

24.0084, 26.4721, 5.8517

Deuteranopia

26.8529, 26.2557, 5.4028



Tritanopia

31.5663, 26.2985, 25.6027

Trichromacy



Original Color

27.4235, 26.3458, 5.4736

Protanomaly

25.1806, 26.4304, 5.6939

Deuteranomaly

27.0816, 26.3736, 5.4135

Tritanomaly

29.4326, 25.9939, 15.0213

Monochromacy



Original Color

27.4235, 26.3458, 5.4736

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9131, 24.9234, 15.6069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4235, 26.3458, 5.4736 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(180, 132, 38)` looks like.

```
.text, #text, p{  
    color:rgb(180, 132, 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(180, 132, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 132, 38) }
```

Border

The CSS property to change the border of an element to XYZ 27.4235, 26.3458, 5.4736 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(180, 132, 38) }
```


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

```
.border{ border-color:rgb(180, 132, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 132, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 132, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 132, 38);  
box-shadow:4px 4px 4px 4px rgb(180, 132,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4235, 26.3458, 5.4736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 132, 38) }
```

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

```
.background{ background-color: rgb(180,  
132, 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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