

Converting Colors

XYZ(27.9303, 26.5309, 4.8266)

Have a look what the booklet for
XYZ(27.9303, 26.5309, 4.8266)
contains.

XYZ(28.0015, 26.6585, 4.8322)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.0015, 26.6585,
4.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	B7841D
RGB	183, 132, 29
RGB Percent	72%, 52%, 11%
CMY	0.2824, 0.4823, 0.8863
CMYK	0.00, 0.28, 0.84, 0.28
HSL	40°, 73%, 42%
HSV	40°, 84%, 72%
XYZ	28.0015, 26.6585, 4.8322
YIQ	135.5070, 63.4590, -21.2210

Conversions

Conversions Part 2

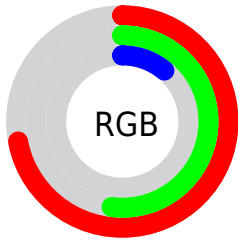
Format	Color
RYB	105, 183, 29
Decimal	12026909
CIELab	58.66, 10.90, 57.91
CIELCh	59, 58.926, 79.339
Yxy	26.6585, 0.4707, 0.4481
Android (android.graphics.Color)	4290216989 (0xFFB7841D)
YUV	135.5070, -52.5080, 41.6514
Hunter-Lab	51.6319, 6.4501, 30.5934

Details

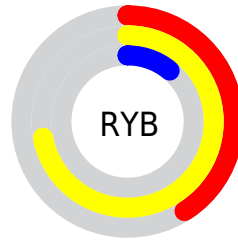
The XYZ color **28.0015, 26.6585, 4.8322** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **11.9226, 9.4174, 45.9888**, and the grayscale version is **23.3915, 24.6096, 26.7999**.

A 20% lighter version of the original color is **55.9113, 54.3927, 15.9395**, and **11.5507, 10.5465, 1.4269** is the 20% darker color. If you saturate the color by 10%, you get **27.0409, 24.9984, 3.7077**, and if you desaturate by 10%, it is **29.1454, 28.4705, 6.6809**.

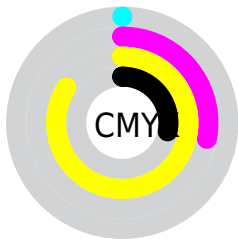
Distribution



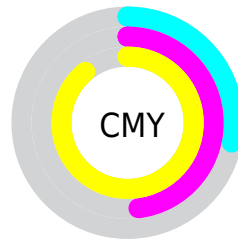
- Red (72%)
- Green (52%)
- Blue (11%)



- Red (41%)
- Yellow (72%)
- Blue (11%)



- Cyan (0%)
- Magenta (28%)
- Yellow (84%)
- Black (28%)



- Cyan (28%)
- Magenta (48%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0015, 26.6585, 4.8322 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 28.0015, 26.6585, 4.8322 by changing the saturation by 10% instead.

■ 28.0015, 26.6585,
4.8322

■ 28.0015, 26.6585,
4.8322

284.5540,
285.9998, 157.0693

■ 18.4673, 17.3169,
2.0921

■ 55.8955, 54.3354,
15.8876

■ 11.3877, 10.4607,
0.6111

■ 74.9859, 73.4395,
25.0401

■ 6.3974, 5.7055,
0.0000

■ 97.9924, 96.5665,
37.1671

■ 3.1312, 2.6668,
0.0000

■ 125.2804,
124.1009, 52.6872

■ 1.2235, 0.9604,
0.0000

■ 157.2152,
156.4270, 72.0189

■ 0.1248, 0.0000,
0.0000

■ 194.1622,

■ 0.0000, 0.0000,

193.9293, 95.5808

0.0000

236.4867,
236.9921, 123.7914

■ 28.0015, 26.6585,
4.8322

■ 28.0015, 26.6585,
4.8322

■ 27.0409, 24.9984,
3.7077

■ 29.1454, 28.4705,
6.6809

■ 26.5371, 24.0848,
3.2502

■ 30.4923, 30.4403,
9.3618

■ 32.0607, 32.5775,
12.9663

■ 33.8663, 34.8898,
17.5731

■ 35.9233, 37.3837,
23.2527

■ 38.2443, 40.0657,
30.0691

■ 40.8413, 42.9415,
38.0811

■ 43.7252, 46.0168,
47.3436

■ 46.9066, 49.2966,
57.9081

Harmonies

Analogous

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



35.5331, 26.6585, 8.0723



28.0015, 26.6585, 4.8322



21.0025, 26.6585, 5.3202

Triad

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



28.0015, 26.6585, 4.8322



14.3426, 26.6585, 44.3301



37.4317, 26.6585, 63.5203

Complementary

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



28.0015, 26.6585, 4.8322



11.9226, 9.4174, 45.9888

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.



30.2327, 26.6585, 85.2297



28.0015, 26.6585, 4.8322



17.3075, 26.6585, 70.9837

Square

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



28.0015, 26.6585, 4.8322



13.9729, 26.6585, 22.2585



22.8492, 26.6585, 88.4710



41.6267, 26.6585, 37.0439

Rectangle

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



28.0015, 26.6585, 4.8322



17.4991, 26.6585, 7.8229



22.8492, 26.6585, 88.4710



35.2256, 26.6585, 72.0630

Sweetspot

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



28.0021, 26.6598, 4.8327



67.9436, 71.1320, 52.1960



21.4282, 11.5304, 8.7509



14.6777, 15.3340, 10.5521



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.



28.0021, 26.6598, 4.8327



47.3079, 42.6958, 5.7477



31.1251, 41.1572, 7.4664



9.4928, 9.9886, 9.5346



18.5778, 16.9319, 2.2890



0.7091, 0.7053, 0.0988

Inverse Universe

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



11.9226, 9.4174, 45.9888



18.0703, 11.6477, 81.5315



10.5442, 5.1008, 45.2283



8.7576, 9.1924, 11.3922



7.1689, 4.7975, 31.8012



0.3110, 0.2857, 1.1405

Previews

White Background



This preview shows how the XYZ color 28.0015, 26.6585, 4.8322 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 28.0015, 26.6585, 4.8322 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 28.0015, 26.6585, 4.8322

Background



This preview shows how black text looks on a background with the XYZ color 28.0015, 26.6585, 4.8322.



This preview shows how white text looks on a background with the XYZ color 28.0015, 26.6585,

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

28.0015, 26.6585, 4.8322

Protanopia

24.2318, 26.8212, 5.2664

Deuteranopia

27.0948, 26.5990, 4.8047



Tritanopia

32.2341, 26.6507, 25.2750

Trichromacy



Original Color

28.0015, 26.6585, 4.8322

Protanomaly

25.4843, 26.6007, 5.0876

Deuteranomaly

27.4195, 26.5622, 4.7805

Tritanomaly

30.0199, 26.3127, 14.3231

Monochromacy



Original Color

28.0015, 26.6585, 4.8322

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9585, 24.9633, 14.8649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0015, 26.6585, 4.8322 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(183, 132, 29)` looks like.

```
.text, #text, p{  
    color:rgb(183, 132, 29)  
}
```

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(183, 132, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 132, 29) }
```

Border

The CSS property to change the border of an element to XYZ 28.0015, 26.6585, 4.8322 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(183, 132, 29) }
```


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

```
.border{ border-color:rgb(183, 132, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 132, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 132, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 132, 29);  
box-shadow:4px 4px 4px 4px rgb(183, 132,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0015, 26.6585, 4.8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 132, 29) }
```

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

```
.background{ background-color: rgb(183,  
132, 29) }
```

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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