

Converting Colors

XYZ(27.9485, 27.9386, 4.8254)

Have a look what the booklet for
XYZ(27.9485, 27.9386, 4.8254)
contains.

XYZ(27.8544, 27.8309, 4.8235)	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(27.8544, 27.8309,
4.8235)**

Conversions

Conversions Part 1

Format	Color
Hex	B38A19
RGB	179, 138, 25
RGB Percent	70%, 54%, 10%
CMY	0.2980, 0.4588, 0.9019
CMYK	0.00, 0.23, 0.86, 0.30
HSL	44°, 75%, 40%
HSV	44°, 86%, 70%
XYZ	27.8544, 27.8309, 4.8235
YIQ	137.3770, 60.7090, -26.4510

Conversions

Conversions Part 2

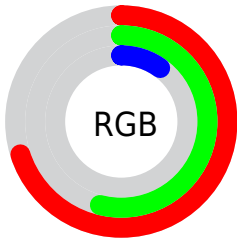
Format	Color
R_{YB}	81, 179, 25
Decimal	11766297
CIE _{Lab}	59.74, 5.67, 59.81
CIE _{LCh}	60, 60.080, 84.586
Yxy	27.8309, 0.4603, 0.4599
Android (android.graphics.Color)	4289956377 (0xFFB38A19)
YUV	137.3770, -55.4019, 36.5034
Hunter-Lab	52.7550, 1.9259, 31.5075

Details

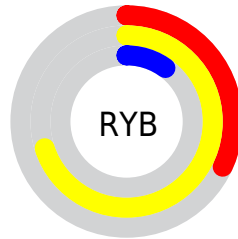
The XYZ color **27.8544, 27.8309, 4.8235** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.4859, 7.3578, 43.5151**, and the grayscale version is **24.1089, 25.3645, 27.6219**.

A 20% lighter version of the original color is **55.7504, 56.2215, 15.8961**, and **11.4575, 11.2097, 1.5598** is the 20% darker color. If you saturate the color by 10%, you get **27.0496, 26.4401, 3.8818**, and if you desaturate by 10%, it is **28.8126, 29.3334, 6.4197**.

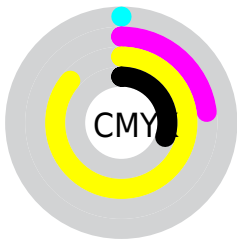
Distribution



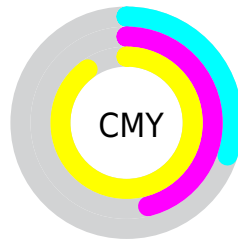
- Red (70%)
- Green (54%)
- Blue (10%)



- Red (32%)
- Yellow (70%)
- Blue (10%)



- Cyan (0%)
- Magenta (23%)
- Yellow (86%)
- Black (30%)





- Cyan (30%)
- Magenta (46%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.8544, 27.8309, 4.8235 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 27.8544, 27.8309, 4.8235 by changing the saturation by 10% instead.


 27.8544, 27.8309,
4.8235


 27.8544, 27.8309,
4.8235


283.8632,
291.6580, 156.9806


 18.3558, 18.1982,
2.0872


 55.6622, 56.2144,
15.8684

 11.3070, 11.0924,
0.6081


 74.7021, 75.7339,
25.0140

 6.3425, 6.1290,
0.0000


 97.6531, 99.3179,
37.1332

 3.0971, 2.9237,
0.0000

 124.8807,
127.3507, 52.6444

 1.2053, 1.0920,
0.0000

 156.7502,
160.2167, 71.9662

 0.1106, 0.0000,
0.0000

 193.6268,

 0.0000, 0.0000,

198.3004, 95.5172

0.0000

235.8761,
241.9860, 123.7158

27.8544, 27.8309,
4.8235

27.8544, 27.8309,
4.8235

27.0496, 26.4401,
3.8818

28.8126, 29.3334,
6.4197

26.7535, 25.9100,
3.5911

29.9445, 30.9528,
8.7836

31.2679, 32.6980,
12.0043

32.7976, 34.5755,
16.1580

34.5469, 36.5911,
21.3126

■ 36.5277, 38.7502,
27.5296

■ 38.7510, 41.0578,
34.8655

■ 41.2273, 43.5185,
43.3729

■ 43.9661, 46.1367,
53.1007

Harmonies

Analogous

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



35.8503, 27.8309, 7.3989



27.8544, 27.8309, 4.8235



20.8292, 27.8309, 5.9619

Triad

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



27.8544, 27.8309, 4.8235



15.2702, 27.8309, 51.2503



40.2300, 27.8309, 61.5778

Complementary

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



27.8544, 27.8309, 4.8235



10.4859, 7.3578, 43.5151

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.



33.0063, 27.8309, 86.4714



27.8544, 27.8309, 4.8235



18.8597, 27.8309, 78.7728

Square

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



27.8544, 27.8309, 4.8235



14.4139, 27.8309, 26.5257



25.0983, 27.8309, 93.9303



43.8190, 27.8309, 34.4231

Rectangle

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



27.8544, 27.8309, 4.8235



17.4675, 27.8309, 9.2090



25.0983, 27.8309, 93.9303



38.0865, 27.8309, 70.9202

Sweetspot

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



27.8550, 27.8323, 4.8240



65.2672, 69.2379, 48.8117



19.9235, 10.6733, 6.1752



14.1819, 15.0410, 9.9279



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.



27.8550, 27.8323, 4.8240



47.7216, 46.0174, 6.3671



27.6349, 38.1559, 6.8283



9.0019, 9.5163, 9.0149



18.9609, 18.4204, 2.5561



0.6414, 0.6691, 0.0954

Inverse Universe

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



10.4859, 7.3578, 43.5151



16.2829, 9.2497, 77.3083



10.4050, 4.9402, 43.0527



8.2199, 8.5860, 10.7304



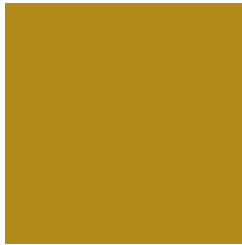
6.5334, 3.8672, 30.5391



0.2546, 0.2197, 0.9772

Previews

White Background



This preview shows how the XYZ color 27.8544, 27.8309, 4.8235 looks on a white background.

Color Contrast Check

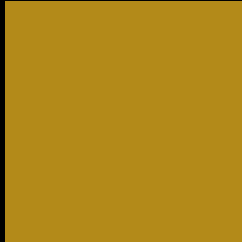
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8544, 27.8309, 4.8235 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 27.8544, 27.8309, 4.8235

Background



This preview shows how black text looks on a background with the XYZ color 27.8544, 27.8309, 4.8235.



This preview shows how white text looks on a background with the XYZ color 27.8544, 27.8309,

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

27.8544, 27.8309, 4.8235

Protanopia

25.2235, 28.0113, 5.1142

Deuteranopia

28.4235, 27.9110, 4.8666



Tritanopia

32.5563, 27.7124, 27.6779

Trichromacy



Original Color

27.8544, 27.8309, 4.8235

Protanomaly

26.0079, 27.7454, 4.9619

Deuteranomaly

28.1882, 27.7897, 4.8555

Tritanomaly

29.9374, 27.4329, 15.0265

Monochromacy



Original Color

27.8544, 27.8309, 4.8235

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0059, 25.4112, 14.7059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8544, 27.8309, 4.8235 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(179, 138, 25)` looks like.

```
.text, #text, p{  
    color:rgb(179, 138, 25)  
}
```

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(179, 138, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 138, 25) }
```

Border

The CSS property to change the border of an element to XYZ 27.8544, 27.8309, 4.8235 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(179, 138, 25) }
```


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

```
.border{ border-color:rgb(179, 138, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 138, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 138, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 138, 25);  
box-shadow:4px 4px 4px 4px rgb(179, 138,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8544, 27.8309, 4.8235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 138, 25) }
```

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

```
.background{ background-color: rgb(179,  
138, 25) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor