

Converting Colors

XYZ(27.9561, 26.4520, 4.0131)

Have a look what the booklet for
XYZ(27.9561, 26.4520, 4.0131)
contains.

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Color

**XYZ(27.9561, 26.4520,
4.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	B8830D
RGB	184, 131, 13
RGB Percent	72%, 51%, 5%
CMY	0.2784, 0.4863, 0.9490
CMYK	0.00, 0.29, 0.93, 0.28
HSL	41°, 87%, 39%
HSV	41°, 93%, 72%
XYZ	27.9561, 26.4520, 4.0131
YIQ	133.3950, 69.4660, -25.4620

Conversions

Conversions Part 2

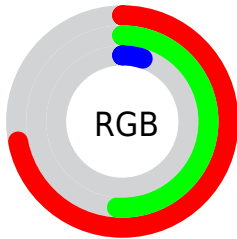
Format	Color
R _Y B	90, 184, 13
Decimal	12092173
CIE Lab	58.46, 11.55, 61.83
CIE LCh	58, 62.898, 79.414
Yxy	26.4520, 0.4785, 0.4528
Android (android.graphics.Color)	4290282253 (0xFFB8830D)
YUV	133.3950, -59.3547, 44.3806
Hunter-Lab	51.4315, 7.0203, 31.3758

Details

The XYZ color **27.9561, 26.4520, 4.0131** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.7662, 7.4431, 46.2162**, and the grayscale version is **22.6317, 23.8103, 25.9294**.

A 20% lighter version of the original color is **56.0327, 54.1879, 13.9846**, and **11.6215, 10.4702, 1.4084** is the 20% darker color. If you saturate the color by 10%, you get **27.3529, 25.3621, 3.4537**, and if you desaturate by 10%, it is **28.9239, 28.0997, 5.2241**.

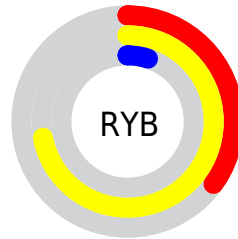
Distribution



Red (72%)

Green (51%)

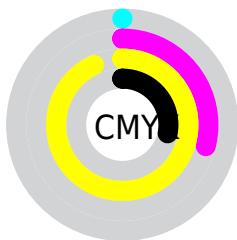
Blue (5%)



Red (35%)

Yellow (72%)

Blue (5%)

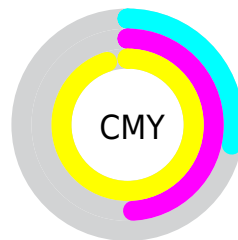


Cyan (0%)

Magenta (29%)

Yellow (93%)

Black (28%)



Cyan (28%)

Magenta (49%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9561, 26.4520, 4.0131 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 27.9561, 26.4520, 4.0131 by changing the saturation by 10% instead.

■ 27.9561, 26.4520,
4.0131

■ 27.9561, 26.4520,
4.0131

284.3410,
284.9939, 148.3709

■ 18.4329, 17.1621,
1.6325

■ 55.8235, 54.0032,
14.0400

■ 11.3628, 10.3501,
0.3139

■ 74.8983, 73.0334,
22.5233

■ 6.3805, 5.6317,
0.0000

■ 97.8877, 96.0790,
33.8781

■ 3.1206, 2.6225,
0.0000

■ 125.1571,
123.5246, 48.5227

■ 1.2179, 0.9380,
0.0000

■ 157.0717,
155.7544, 66.8757

■ 0.1204, 0.0000,
0.0000

■ 193.9970,

■ 0.0000, 0.0000,

193.1530, 89.3557

0.0000

236.2983,
236.1047, 116.3813

27.9561, 26.4520,
4.0131

27.9561, 26.4520,
4.0131

27.3529, 25.3621,
3.4537

28.9239, 28.0997,
5.2241

30.0728, 29.8872,
7.1798

31.4244, 31.8254,
9.9890

32.9965, 33.9224,
13.7418

34.8047, 36.1852,
18.5170

■ 36.8628, 38.6205,
24.3849

■ 39.1835, 41.2344,
31.4097

■ 41.7788, 44.0323,
39.6505

■ 44.6594, 47.0197,
49.1623

Harmonies

Analogous

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



36.0361, 26.4520, 7.1316



27.9561, 26.4520, 4.0131



20.5419, 26.4520, 4.4836

Triad

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



27.9561, 26.4520, 4.0131



13.6193, 26.4520, 45.2880



38.1202, 26.4520, 66.0520

Complementary

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



27.9561, 26.4520, 4.0131



10.7662, 7.4431, 46.2162

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.



30.3818, 26.4520, 90.0140



27.9561, 26.4520, 4.0131



16.6996, 26.4520, 74.3931

Square

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



27.9561, 26.4520, 4.0131



13.2317, 26.4520, 21.7041



22.5231, 26.4520, 93.6674



42.6495, 26.4520, 37.2992

Rectangle

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



27.9561, 26.4520, 4.0131



16.8765, 26.4520, 6.9144



22.5231, 26.4520, 93.6674



35.7425, 26.4520, 75.4455

Sweetspot

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



27.9567, 26.4533, 4.0136



68.6412, 72.0843, 49.6203



20.9288, 10.8855, 6.3328



14.4207, 15.1098, 9.5729



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.



27.9567, 26.4533, 4.0136



49.3628, 45.5316, 6.1868



30.2841, 41.0482, 6.7080



9.5090, 10.0210, 9.5400



18.9167, 17.6098, 2.4020



0.7192, 0.7255, 0.1021

Inverse Universe

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



10.7662, 7.4431, 46.2162



18.1517, 11.2097, 83.4116



9.8498, 4.2922, 45.6563



8.7421, 9.1615, 11.3870



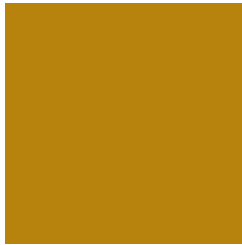
7.0282, 4.5161, 31.7543



0.3046, 0.2728, 1.1384

Previews

White Background



This preview shows how the XYZ color 27.9561, 26.4520, 4.0131 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 27.9561, 26.4520, 4.0131 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 27.9561, 26.4520, 4.0131

Background



This preview shows how black text looks on a background with the XYZ color 27.9561, 26.4520, 4.0131.



This preview shows how white text looks on a background with the XYZ color 27.9561, 26.4520,

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

27.9561, 26.4520, 4.0131

Protanopia

23.9241, 26.4612, 4.3769

Deuteranopia

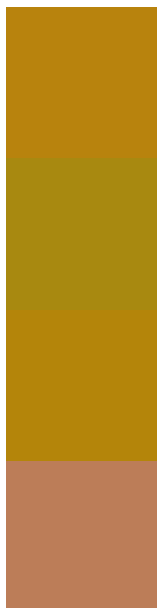
26.9290, 26.5327, 3.9317



Tritanopia

32.2915, 26.5049, 24.8867

Trichromacy



Original Color

27.9561, 26.4520, 4.0131

Protanomaly

25.1876, 26.2536, 4.2301

Deuteranomaly

27.2647, 26.5003, 3.9652

Tritanomaly

29.8341, 26.0632, 12.6908

Monochromacy



Original Color

27.9561, 26.4520, 4.0131

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.0033, 23.8992, 12.8518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9561, 26.4520, 4.0131 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(184, 131, 13)` looks like.

```
.text, #text, p{  
    color:rgb(184, 131, 13)  
}
```

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(184, 131, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 131, 13) }
```

Border

The CSS property to change the border of an element to XYZ 27.9561, 26.4520, 4.0131 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(184, 131, 13) }
```


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

```
.border{ border-color:rgb(184, 131, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 131, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 131, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 131, 13);  
box-shadow:4px 4px 4px 4px rgb(184, 131,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9561, 26.4520, 4.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 131, 13) }
```

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

```
.background{ background-color: rgb(184,  
131, 13) }
```

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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