

Converting Colors

XYZ(27.0296, 28.6532, 9.8346)

Have a look what the booklet for
XYZ(27.0296, 28.6532, 9.8346)
contains.

XYZ(27.0151, 28.6042, 9.8917)	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(27.0151, 28.6042,
9.8917)**

Conversions

Conversions Part 1

Format	Color
Hex	A79046
RGB	167, 144, 70
RGB Percent	65%, 56%, 27%
CMY	0.3451, 0.4353, 0.7255
CMYK	0.00, 0.14, 0.58, 0.35
HSL	46°, 41%, 46%
HSV	46°, 58%, 65%
XYZ	27.0151, 28.6042, 9.8917
YIQ	142.4410, 37.4620, -18.1380

Conversions

Conversions Part 2

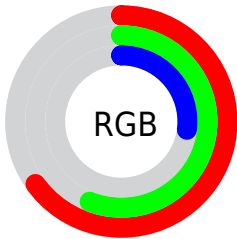
Format	Color
RYB	100, 167, 70
Decimal	10981446
CIELab	60.43, -0.70, 41.87
CIELCh	60, 41.875, 90.954
Yxy	28.6042, 0.4124, 0.4366
Android (android.graphics.Color)	4289171526 (0xFFA79046)
YUV	142.4410, -35.7134, 21.5382
Hunter-Lab	53.4829, -3.4317, 26.4723

Details

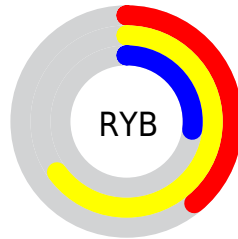
The XYZ color **27.0151, 28.6042, 9.8917** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13.4151, 11.9204, 38.1529**, and the grayscale version is **26.0135, 27.3683, 29.8040**.

A 20% lighter version of the original color is **54.3857, 57.6159, 26.3437**, and **10.8111, 11.5007, 2.3119** is the 20% darker color. If you saturate the color by 10%, you get **25.9706, 27.2447, 7.2947**, and if you desaturate by 10%, it is **28.2286, 30.0671, 13.2689**.

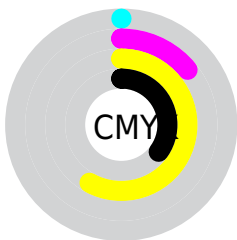
Distribution



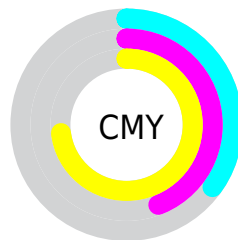
- Red (65%)
- Green (56%)
- Blue (27%)



- Red (39%)
- Yellow (65%)
- Blue (27%)



- Cyan (0%)
- Magenta (14%)
- Yellow (58%)
- Black (35%)





- Cyan (35%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0151, 28.6042, 9.8917 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 27.0151, 28.6042, 9.8917 by changing the saturation by 10% instead.


 27.0151, 28.6042,
9.8917


 27.0151, 28.6042,
9.8917


279.8964,
295.3429, 200.3540


 17.7212, 18.7816,
5.2225


 54.3278, 57.4476,
26.1962

 10.8485, 11.5126,
2.3174


 73.0773, 77.2373,
38.6687

 6.0316, 6.4127,
0.7409


 95.7095, 101.1181,
54.5793

 2.9051, 3.0976,
0.0000

 122.5895,
129.4744, 74.3466

 1.1038, 1.1829,
0.0000

 154.0829,
162.6906, 98.3892

 0.0283, 0.0477,
0.0000

190.5550,

 0.0000, 0.0000,

201.1512, 127.1256

0.0000

232.3710,
245.2405, 160.9744

■ 27.0151, 28.6042,
9.8917

■ 27.0151, 28.6042,
9.8917

■ 25.9706, 27.2447,
7.2947

■ 28.2286, 30.0671,
13.2689

■ 25.0803, 25.9792,
5.4103

■ 29.6204, 31.6342,
17.4829

■ 24.3302, 24.8027,
4.1623

■ 31.2013, 33.3112,
22.5871

■ 23.6950, 23.7047,
3.4186

■ 32.9807, 35.1023,
28.6297

■ 23.5786, 23.5001,
3.2932

■ 34.9673, 37.0113,
35.6558

■ 37.1693, 39.0417,
43.7073

■ 39.5943, 41.1969,
52.8237

■ 42.2497, 43.4801,
63.0425

■ 45.1425, 45.8945,
74.3993

Harmonies

Analogous

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



32.5377, 28.6042, 11.7316



27.0151, 28.6042, 9.8917



22.1960, 28.6042, 11.9914

Triad

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



27.0151, 28.6042, 9.8917



19.2307, 28.6042, 49.0488



37.2952, 28.6042, 47.8984

Complementary

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



27.0151, 28.6042, 9.8917



13.4151, 11.9204, 38.1529

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.



32.8761, 28.6042, 64.1761



27.0151, 28.6042, 9.8917



22.4584, 28.6042, 64.9804

Square

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



27.0151, 28.6042, 9.8917



18.0833, 28.6042, 31.6423



27.3605, 28.6042, 71.2628



38.9263, 28.6042, 30.6531

Rectangle

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



27.0151, 28.6042, 9.8917



19.9045, 28.6042, 15.9359



27.3605, 28.6042, 71.2628



36.0600, 28.6042, 53.8421

Sweetspot

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



27.0158, 28.6056, 9.8923



59.3287, 63.1236, 52.1851



20.1583, 13.4087, 12.1747



13.1327, 13.9842, 11.1789



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.0158, 28.6056, 9.8923



45.9752, 48.0540, 11.8570



26.2087, 33.8969, 10.9561



7.9939, 8.4679, 8.0024



18.0817, 18.0606, 2.5330



0.4756, 0.5107, 0.0735

Inverse Universe

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



13.4151, 11.9204, 38.1529



19.3266, 15.4277, 67.4345



13.8073, 9.5636, 37.6773



7.2708, 7.5786, 9.4979



5.9403, 3.3407, 28.3072



0.1824, 0.1569, 0.7013

Previews

White Background



This preview shows how the XYZ color 27.0151, 28.6042, 9.8917 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 27.0151, 28.6042, 9.8917 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 27.0151, 28.6042, 9.8917

Background



This preview shows how black text looks on a background with the XYZ color 27.0151, 28.6042, 9.8917.



This preview shows how white text looks on a background with the XYZ color 27.0151, 28.6042,

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

27.0151, 28.6042, 9.8917

Protanopia

26.1142, 28.5898, 10.1032

Deuteranopia

29.1923, 28.6235, 9.9475



Tritanopia

31.4480, 28.6823, 31.0729

Trichromacy



Original Color

27.0151, 28.6042, 9.8917

Protanomaly

26.3670, 28.4923, 10.0711

Deuteranomaly

28.3414, 28.6186, 9.9914

Tritanomaly

29.2972, 28.4312, 21.0832

Monochromacy



Original Color

27.0151, 28.6042, 9.8917

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.7373, 27.4852, 20.4717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0151, 28.6042, 9.8917 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(167, 144, 70)` looks like.

```
.text, #text, p{  
    color:rgb(167, 144, 70)  
}
```

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(167, 144, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 144, 70) }
```

Border

The CSS property to change the border of an element to XYZ 27.0151, 28.6042, 9.8917 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(167, 144, 70) }
```


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

```
.border{ border-color:rgb(167, 144, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 144, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 144, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 144, 70);  
box-shadow:4px 4px 4px 4px rgb(167, 144,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0151, 28.6042, 9.8917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 144, 70) }
```

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

```
.background{ background-color: rgb(167,  
144, 70) }
```

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