

Converting Colors

XYZ(27.0818, 28.4388, 8.7645)

Have a look what the booklet for
XYZ(27.0818, 28.4388, 8.7645)
contains.

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Color

**XYZ(27.0818, 28.4388,
8.7645)**

Conversions

Conversions Part 1

Format	Color
Hex	A98F3F
RGB	169, 143, 63
RGB Percent	66%, 56%, 25%
CMY	0.3373, 0.4392, 0.7529
CMYK	0.00, 0.15, 0.63, 0.34
HSL	45°, 46%, 45%
HSV	45°, 63%, 66%
XYZ	27.0818, 28.4388, 8.7645
YIQ	141.6540, 41.1760, -19.3680

Conversions

Conversions Part 2

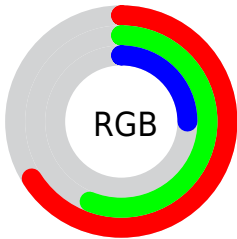
Format	Color
R_{YB}	97, 169, 63
Decimal	11112255
CIE Lab	60.28, 0.21, 45.17
CIE LCh	60, 45.168, 89.735
Yxy	28.4388, 0.4213, 0.4424
Android (android.graphics.Color)	4289302335 (0xFFA98F3F)
YUV	141.6540, -38.7764, 23.9824
Hunter-Lab	53.3280, -2.6757, 27.5853

Details

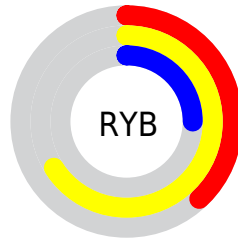
The XYZ color **27.0818, 28.4388, 8.7645** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.7835, 11.0657, 38.9979**, and the grayscale version is **25.7119, 27.0509, 29.4585**.

A 20% lighter version of the original color is **54.6821, 57.4783, 24.1320**, and **10.9031, 11.4258, 1.8892** is the 20% darker color. If you saturate the color by 10%, you get **26.0696, 27.0578, 6.4440**, and if you desaturate by 10%, it is **28.2633, 29.9265, 11.8573**.

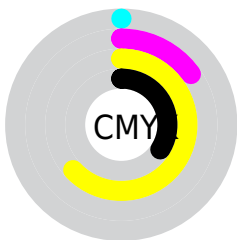
Distribution



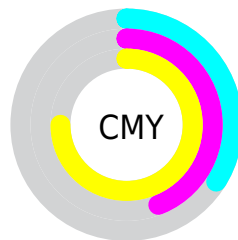
- Red (66%)
- Green (56%)
- Blue (25%)



- Red (38%)
- Yellow (66%)
- Blue (25%)



- Cyan (0%)
- Magenta (15%)
- Yellow (63%)
- Black (34%)



- Cyan (34%)
- Magenta (44%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0818, 28.4388, 8.7645 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 27.0818, 28.4388, 8.7645 by changing the saturation by 10% instead.

■ 27.0818, 28.4388,
8.7645

■ 27.0818, 28.4388,
8.7645

280.2133,
294.5578, 191.7642

■ 17.7716, 18.6567,
4.4932

■ 54.4341, 57.1842,
24.0145

■ 10.8848, 11.4225,
1.8996

■ 73.2068, 76.9164,
35.8303

■ 6.0561, 6.3518,
0.4925

■ 95.8644, 100.7340,
50.9980

■ 2.9202, 3.0601,
0.0000

■ 122.7723,
129.0214, 69.9362

■ 1.1117, 1.1632,
0.0000

■ 154.2958,
162.1632, 93.0634

■ 0.0349, 0.0313,
0.0000

190.8002,

■ 0.0000, 0.0000,

200.5435, 120.7980

0.0000

232.6509,
244.5469, 153.5588

■ 27.0818, 28.4388,
8.7645

■ 27.0818, 28.4388,
8.7645

■ 26.0696, 27.0578,
6.4440

■ 28.2633, 29.9265,
11.8573

■ 25.2107, 25.7733,
4.8216

■ 29.6244, 31.5222,
15.7840

■ 24.4891, 24.5798,
3.8113

■ 31.1768, 33.2319,
20.6020

■ 24.0232, 23.7572,
3.3194

■ 32.9304, 35.0601,
26.3632

■ 34.8947, 37.0107,
33.1154

■ 37.0782, 39.0878,
40.9030

■ 39.4892, 41.2948,
49.7680

■ 42.1353, 43.6353,
59.7499

■ 45.0239, 46.1125,
70.8861

Harmonies

Analogous

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



33.0422, 28.4388, 10.7756



27.0818, 28.4388, 8.7645



21.8731, 28.4388, 10.7028

Triad

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



27.0818, 28.4388, 8.7645



18.4654, 28.4388, 49.6367



37.8381, 28.4388, 49.9877

Complementary

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



27.0818, 28.4388, 8.7645



12.7835, 11.0657, 38.9979

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.



32.9403, 28.4388, 67.7492



27.0818, 28.4388, 8.7645



21.7956, 28.4388, 67.5007

Square

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



27.0818, 28.4388, 8.7645



17.3510, 28.4388, 30.8176



26.9787, 28.4388, 75.0776



39.7699, 28.4388, 31.1129

Rectangle

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



27.0818, 28.4388, 8.7645



19.3900, 28.4388, 14.5837



26.9787, 28.4388, 75.0776



36.4525, 28.4388, 56.5000

Sweetspot

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



27.0825, 28.4402, 8.7651



60.1233, 63.9472, 51.1008



19.9640, 12.7199, 10.9650



12.9007, 13.7327, 10.4469



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.



27.0825, 28.4402, 8.7651



46.1021, 47.6066, 10.3516



26.3264, 34.5297, 9.9803



7.9887, 8.4575, 8.0007



17.9480, 17.7932, 2.4885



0.4732, 0.5059, 0.0727

Inverse Universe

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



12.7835, 11.0657, 38.9979



18.4984, 14.1510, 68.9815



13.1071, 8.5686, 38.4989



7.2757, 7.5883, 9.4996



5.9765, 3.4132, 28.3193



0.1842, 0.1605, 0.7019

Previews

White Background



This preview shows how the XYZ color 27.0818, 28.4388, 8.7645 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 27.0818, 28.4388, 8.7645 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 27.0818, 28.4388, 8.7645

Background



This preview shows how black text looks on a background with the XYZ color 27.0818, 28.4388, 8.7645.



This preview shows how white text looks on a background with the XYZ color 27.0818, 28.4388,

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

27.0818, 28.4388, 8.7645

Protanopia

26.1046, 28.6093, 8.9968

Deuteranopia

28.8363, 28.2504, 8.7835



Tritanopia

31.5404, 28.3246, 30.5929

Trichromacy



Original Color

27.0818, 28.4388, 8.7645

Protanomaly

26.5679, 28.6203, 8.9745

Deuteranomaly

28.2080, 28.3564, 8.8371

Tritanomaly

29.2738, 28.0134, 20.0839

Monochromacy



Original Color

27.0818, 28.4388, 8.7645

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.6025, 27.2137, 19.5261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0818, 28.4388, 8.7645 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(169, 143, 63)` looks like.

```
.text, #text, p{  
    color:rgb(169, 143, 63)  
}
```

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(169, 143, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 143, 63) }
```

Border

The CSS property to change the border of an element to XYZ 27.0818, 28.4388, 8.7645 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(169, 143, 63) }
```


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

```
.border{ border-color:rgb(169, 143, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 143, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 143, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 143, 63);  
box-shadow:4px 4px 4px 4px rgb(169, 143,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0818, 28.4388, 8.7645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 143, 63) }
```

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

```
.background{ background-color: rgb(169,  
143, 63) }
```

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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