

Converting Colors

XYZ(27.5139, 28.9425, 13.7190)

Have a look what the booklet for
XYZ(27.5139, 28.9425, 13.7190)
contains.

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Color

**XYZ(27.4879, 28.9883,
13.8194)**

Conversions

Conversions Part 1

Format	Color
Hex	A5915A
RGB	165, 145, 90
RGB Percent	65%, 57%, 35%
CMY	0.3529, 0.4314, 0.6471
CMYK	0.00, 0.12, 0.45, 0.35
HSL	44°, 29%, 50%
HSV	44°, 45%, 65%
XYZ	27.4879, 28.9883, 13.8194
YIQ	144.7100, 29.5750, -12.8650

Conversions

Conversions Part 2

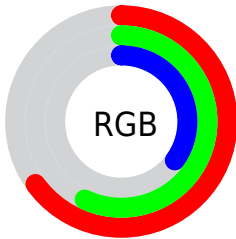
Format	Color
RYB	117, 165, 90
Decimal	10850650
CIELab	60.77, -0.26, 31.85
CIELCh	61, 31.856, 90.466
Yxy	28.9883, 0.3910, 0.4124
Android (android.graphics.Color)	4289040730 (0xFFA5915A)
YUV	144.7100, -26.9720, 17.7943
Hunter-Lab	53.8408, -3.0899, 22.4705

Details

The XYZ color **27.4879, 28.9883, 13.8194** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.5837, 16.0416, 37.8195**, and the grayscale version is **26.8941, 28.2947, 30.8129**.

A 20% lighter version of the original color is **55.0499, 58.1421, 33.5204**, and **11.0838, 11.7383, 3.9670** is the 20% darker color. If you saturate the color by 10%, you get **26.2031, 27.4206, 10.3025**, and if you desaturate by 10%, it is **28.9561, 30.6732, 18.1672**.

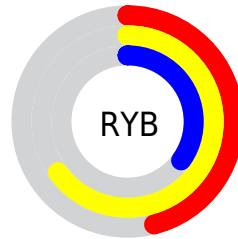
Distribution



Red (65%)

Green (57%)

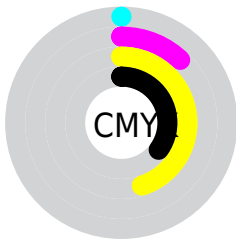
Blue (35%)



Red (46%)

Yellow (65%)

Blue (35%)

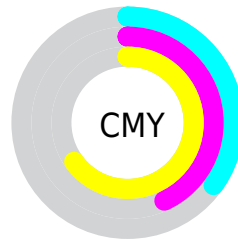


Cyan (0%)

Magenta (12%)

Yellow (45%)

Black (35%)



Cyan (35%)


Magenta (43%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4879, 28.9883, 13.8194 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 27.4879, 28.9883, 13.8194 by changing the saturation by 10% instead.


 27.4879, 28.9883,
13.8194

 27.4879, 28.9883,
13.8194


282.1364,
297.1598, 227.4936


 18.0785, 19.0720,
7.8578


 55.0802, 58.0585,
33.4807

 11.1064, 11.7223,
3.9177


 73.9937, 77.9812,
48.0176

 6.2062, 6.5549,
1.5803


 96.8061, 102.0080,
66.2500

 3.0127, 3.1853,
0.2767

 123.8825,
130.5236, 88.5964

 1.1605, 1.2292,
0.0000

155.5884,
163.9121, 115.4755

 0.0748, 0.0854,
0.0000

192.2891,

 0.0000, 0.0000,

202.5580, 147.3057

0.0000

234.3500,
246.8458, 184.5055

■ 27.4879, 28.9883,
13.8194

■ 27.4879, 28.9883,
13.8194

■ 26.2031, 27.4206,
10.3025

■ 28.9561, 30.6732,
18.1672

■ 25.0888, 25.9612,
7.5598

■ 30.6153, 32.4755,
23.3942

■ 24.1337, 24.6062,
5.5300

■ 32.4752, 34.4007,
29.5471

■ 23.3241, 23.3496,
4.1419

■ 34.5443, 36.4525,
36.6686

■ 22.6422, 22.1839,
3.3040

■ 36.8304, 38.6346,
44.7988

■ 22.3554, 21.6762,
3.0057

■ 39.3409, 40.9503,
53.9757

■ 42.0829, 43.4029,
64.2351

■ 45.0631, 45.9955,
75.6113

■ 48.2881, 48.7311,
88.1368

Harmonies

Analogous

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



31.6641, 28.9883, 15.5976



27.4879, 28.9883, 13.8194



23.7117, 28.9883, 15.7137

Triad

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



27.4879, 28.9883, 13.8194



21.2472, 28.9883, 44.5851



35.0719, 28.9883, 44.1825

Complementary

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



27.4879, 28.9883, 13.8194



16.5837, 16.0416, 37.8195

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.



31.7871, 28.9883, 55.5624



27.4879, 28.9883, 13.8194



23.8132, 28.9883, 55.8328

Square

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



27.4879, 28.9883, 13.8194



20.3369, 28.9883, 31.7489



27.6172, 28.9883, 60.2758



36.3001, 28.9883, 31.3785

Rectangle

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



27.4879, 28.9883, 13.8194



21.8599, 28.9883, 19.1660



27.6172, 28.9883, 60.2758



34.1564, 28.9883, 48.4052

Sweetspot

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



27.4886, 28.9897, 13.8200



58.5846, 62.0371, 54.3506



21.9879, 16.4377, 16.7661



12.6497, 13.4026, 11.3479



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.4886, 28.9897, 13.8200



46.8096, 48.9585, 18.1435



27.4232, 33.8978, 14.7708



7.4889, 7.9162, 7.5134



16.9547, 16.4833, 2.2880



0.3917, 0.4173, 0.0599

Inverse Universe

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



16.5837, 16.0416, 37.8195



24.7212, 22.7594, 66.8424



16.5717, 13.1862, 37.2690



6.8470, 7.1529, 8.9228



5.8553, 3.4900, 27.2948



0.1596, 0.1465, 0.5857

Previews

White Background



This preview shows how the XYZ color 27.4879, 28.9883, 13.8194 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 27.4879, 28.9883, 13.8194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

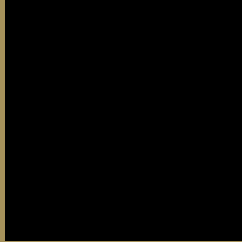
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4879, 28.9883, 13.8194

Background



This preview shows how black text looks on a background with the XYZ color 27.4879, 28.9883, 13.8194.



This preview shows how white text looks on a background with the XYZ color 27.4879, 28.9883,

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

27.4879, 28.9883, 13.8194

Protanopia

26.8193, 29.0964, 14.1002

Deuteranopia

29.3979, 28.8586, 13.9184



Tritanopia

31.3079, 29.0048, 32.3822

Trichromacy



Original Color

27.4879, 28.9883, 13.8194

Protanomaly

27.0675, 28.9945, 14.0674

Deuteranomaly

28.7949, 28.9856, 13.9746

Tritanomaly

29.7833, 29.0433, 24.4582

Monochromacy



Original Color

27.4879, 28.9883, 13.8194

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.7760, 28.4069, 23.4739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4879, 28.9883, 13.8194 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(165, 145, 90)` looks like.

```
.text, #text, p{  
    color:rgb(165, 145, 90)  
}
```

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(165, 145, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 145, 90) }
```

Border

The CSS property to change the border of an element to XYZ 27.4879, 28.9883, 13.8194 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(165, 145, 90) }
```


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

```
.border{ border-color:rgb(165, 145, 90) }
```

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

Here you see how a box with a 4 pixel rgb(165, 145, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 145, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 145, 90);  
box-shadow:4px 4px 4px 4px rgb(165, 145,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4879, 28.9883, 13.8194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 145, 90) }
```

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

```
.background{ background-color: rgb(165,  
145, 90) }
```

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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