

Converting Colors

XYZ(23.7794, 27.2379, 16.7316)

Have a look what the booklet for
XYZ(23.7794, 27.2379, 16.7316)
contains.

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Color

**XYZ(23.8824, 27.2878,
16.8403)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9267
RGB	142, 146, 103
RGB Percent	56%, 57%, 40%
CMY	0.4431, 0.4274, 0.5961
CMYK	0.03, 0.00, 0.29, 0.43
HSL	66°, 17%, 49%
HSV	66°, 29%, 57%
XYZ	23.8824, 27.2878, 16.8403
YIQ	139.9020, 11.4190, -14.2210

Conversions

Conversions Part 2

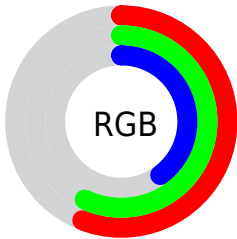
Format	Color
R_{YB}	103, 146, 107
Decimal	9343591
CIE Lab	59.24, -8.80, 22.37
CIE LCh	59, 24.035, 111.469
Yxy	27.2878, 0.3512, 0.4012
Android (android.graphics.Color)	4287533671 (0xFF8E9267)
YUV	139.9020, -18.1927, 1.8399
Hunter-Lab	52.2377, -9.8082, 17.4526

Details

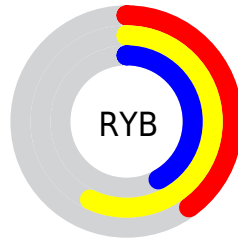
The XYZ color **23.8824, 27.2878, 16.8403** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.1030, 14.9023, 29.2233**, and the grayscale version is **24.9551, 26.2547, 28.5913**.

A 20% lighter version of the original color is **49.2520, 55.3774, 38.6649**, and **9.1868, 10.8657, 5.2275** is the 20% darker color. If you saturate the color by 10%, you get **22.9811, 26.9015, 13.3011**, and if you desaturate by 10%, it is **24.9159, 27.7292, 21.0548**.

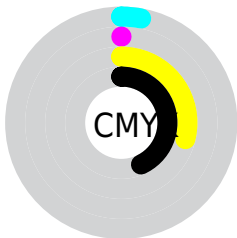
Distribution



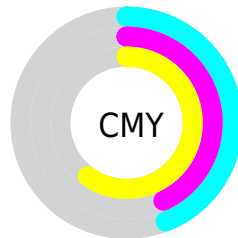
- Red (56%)
- Green (57%)
- Blue (40%)



- Red (40%)
- Yellow (57%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8824, 27.2878, 16.8403 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 23.8824, 27.2878, 16.8403 by changing the saturation by 10% instead.

■ 23.8824, 27.2878,
16.8403

■ 23.8824, 27.2878,
16.8403

264.6769,
289.0479, 246.2631

■ 15.3707, 17.7895,
9.9599

■ 49.2943, 55.3453,
38.8379

■ 9.1679, 10.7990,
5.2671

■ 66.9252, 74.6734,
54.7922

■ 4.9089, 5.9318,
2.3434

■ 88.3265, 98.0468,
74.6082

■ 2.2281, 2.8037,
0.7554

■ 113.8636,
125.8499, 98.7045

■ 0.7575, 1.0301,
0.0000

143.9018,
158.4672, 127.4996

■ 0.0000, 0.0000,
0.0000

178.8065,

196.2830, 161.4120

218.9431,
239.6818, 200.8603

■ 23.8824, 27.2878,
16.8403

■ 23.8824, 27.2878,
16.8403

■ 22.9811, 26.9015,
13.3011

■ 24.9159, 27.7292,
21.0548

■ 22.2034, 26.5639,
10.4005

■ 26.0857, 28.2246,
25.9754

■ 21.5425, 26.2734,
8.1008

■ 27.3984, 28.7774,
31.6332

■ 20.9905, 26.0268,
6.3598

■ 28.8593, 29.3899,
38.0566

■ 20.5384, 25.8205,
5.1296

■ 30.4736, 30.0641,
45.2728

■ 20.1754, 25.6501,
4.3546

■ 32.2462, 30.8019,
53.3076

■ 19.8757, 25.5054,
3.8984

■ 34.1818, 31.6052,
62.1857

■ 19.8596, 25.4977,
3.8748

■ 36.2850, 32.4759,
71.9305

■ 38.5599, 33.4157,
82.5647

Harmonies

Analogous

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



26.8011, 27.2878, 16.1892



23.8824, 27.2878, 16.8403



21.6817, 27.2878, 20.5656

Triad

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



23.8824, 27.2878, 16.8403



22.5073, 27.2878, 44.5941



32.0672, 27.2878, 32.2296

Complementary

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



23.8824, 27.2878, 16.8403



16.1030, 14.9023, 29.2233

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.



30.7139, 27.2878, 41.2327



23.8824, 27.2878, 16.8403



25.0902, 27.2878, 49.2195

Square

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



23.8824, 27.2878, 16.8403



20.9314, 27.2878, 36.1754



28.1046, 27.2878, 47.8833



31.6814, 27.2878, 24.0679

Rectangle

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



23.8824, 27.2878, 16.8403



20.8438, 27.2878, 24.7660



28.1046, 27.2878, 47.8833



31.7971, 27.2878, 35.2757

Sweetspot

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



23.8831, 27.2890, 16.8409



46.0750, 49.8138, 46.0740



19.5175, 17.5197, 15.1853



10.1862, 11.0547, 9.9786



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.8831, 27.2890, 16.8409



41.1086, 47.7001, 25.6662



20.6015, 25.5973, 16.6873



6.2128, 6.7175, 6.2096



17.4855, 22.4420, 3.4102



0.2265, 0.2811, 0.0423

Inverse Universe

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



16.1030, 14.9023, 29.2233



25.2164, 22.3933, 50.9668



18.9540, 16.3721, 29.3568



5.5466, 5.6573, 7.2694



4.7291, 1.9105, 24.0505



0.0678, 0.0285, 0.2948

Previews

White Background



This preview shows how the XYZ color 23.8824, 27.2878, 16.8403 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 23.8824, 27.2878, 16.8403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

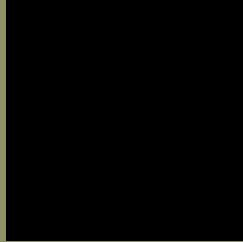
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.8824, 27.2878, 16.8403

Background



This preview shows how black text looks on a background with the XYZ color 23.8824, 27.2878, 16.8403.



This preview shows how white text looks on a background with the XYZ color 23.8824, 27.2878,

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

23.8824, 27.2878, 16.8403

Protanopia

25.3484, 27.1556, 16.2175

Deuteranopia

27.6439, 27.2361, 17.1647



Tritanopia

27.1767, 27.2864, 33.1126

Trichromacy



Original Color

23.8824, 27.2878, 16.8403

Protanomaly

24.7984, 27.0883, 16.4919

Deuteranomaly

26.1748, 27.1266, 16.9531

Tritanomaly

25.8301, 27.1782, 26.4388

Monochromacy



Original Color

23.8824, 27.2878, 16.8403

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.4883, 26.5410, 23.9109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8824, 27.2878, 16.8403 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(142, 146, 103)` looks like.

```
.text, #text, p{  
    color:rgb(142, 146, 103)  
}
```

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(142, 146, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 146, 103) }
```

Border

The CSS property to change the border of an element to XYZ 23.8824, 27.2878, 16.8403 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(142, 146, 103) }
```


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

```
.border{ border-color:rgb(142, 146, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 146, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 146, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 146, 103);  
box-shadow:4px 4px 4px 4px rgb(142, 146,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8824, 27.2878, 16.8403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 146, 103) }
```

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

```
.background{ background-color: rgb(142,  
146, 103) }
```

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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