

Converting Colors

XYZ(24.0698, 27.8030, 17.8687)

Have a look what the booklet for
XYZ(24.0698, 27.8030, 17.8687)
contains.

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Color

**XYZ(24.0066, 27.7959,
17.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	8C946A
RGB	140, 148, 106
RGB Percent	55%, 58%, 42%
CMY	0.4510, 0.4196, 0.5843
CMYK	0.05, 0.00, 0.28, 0.42
HSL	71°, 17%, 50%
HSV	71°, 28%, 58%
XYZ	24.0066, 27.7959, 17.7355
YIQ	140.8200, 8.7140, -14.7580

Conversions

Conversions Part 2

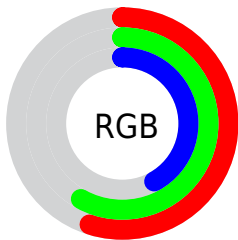
Format	Color
R_{YB}	106, 148, 114
Decimal	9213034
CIE _{Lab}	59.70, -10.25, 21.30
CIE _{LCh}	60, 23.637, 115.703
Y _{xy}	27.7959, 0.3452, 0.3997
Android (android.graphics.Color)	4287403114 (0xFF8C946A)
YUV	140.8200, -17.1663, -0.7191
Hunter-Lab	52.7218, -10.9842, 16.9603

Details

The XYZ color **24.0066, 27.7959, 17.7355** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4399, 16.0244, 30.1925**, and the grayscale version is **25.3102, 26.6283, 28.9982**.

A 20% lighter version of the original color is **49.5402, 56.1790, 40.5803**, and **9.1582, 10.9787, 5.6394** is the 20% darker color. If you saturate the color by 10%, you get **22.8335, 27.2734, 14.0039**, and if you desaturate by 10%, it is **25.3262, 28.3803, 22.1686**.

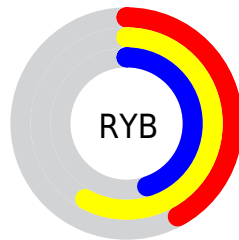
Distribution



Red (55%)

Green (58%)

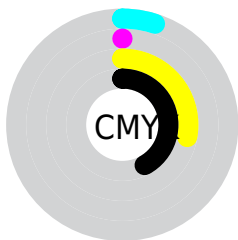
Blue (42%)



Red (42%)

Yellow (58%)

Blue (45%)

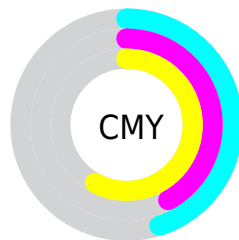


Cyan (5%)

Magenta (0%)

Yellow (28%)

Black (42%)



Cyan (45%)

Magenta (42%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0066, 27.7959, 17.7355 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 24.0066, 27.7959, 17.7355 by changing the saturation by 10% instead.

■ 24.0066, 27.7959,
17.7355

■ 24.0066, 27.7959,
17.7355

265.2937,
291.4904, 251.5618

■ 15.4633, 18.1719,
10.5928

■ 49.4956, 56.1584,
40.3939

■ 9.2336, 11.0734,
5.6830

■ 67.1719, 75.6657,
56.7467

■ 4.9522, 6.1163,
2.5877

■ 88.6233, 99.2362,
77.0067

■ 2.2537, 2.9159,
0.8861

■ 114.2152,
127.2542, 101.5922

■ 0.7708, 1.0880,
0.0000

144.3128,
160.1043, 130.9220

■ 0.0000, 0.0000,
0.0000

179.2815,

198.1707, 165.4145

219.4867,
241.8380, 205.4882

■ 24.0066, 27.7959,
17.7355

■ 24.0066, 27.7959,
17.7355

■ 22.8335, 27.2734,
14.0039

■ 25.3262, 28.3803,
22.1686

■ 21.7979, 26.8063,
10.9360

■ 26.7965, 29.0255,
27.3347

■ 20.8928, 26.3929,
8.4933

■ 28.4243, 29.7350,
33.2657

■ 20.1101, 26.0298,
6.6325

■ 30.2154, 30.5113,
39.9910

■ 19.4404, 25.7132,
5.3050

■ 32.1749, 31.3565,
47.5384

■ 18.8727, 25.4388,
4.4540

■ 34.3081, 32.2726,
55.9345

■ 18.3851, 25.1978,
3.9635

■ 36.6199, 33.2616,
65.2045

■ 18.3085, 25.1598,
3.8914

■ 39.1150, 34.3253,
75.3729

■ 41.7978, 35.4657,
86.4627

Harmonies

Analogous

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



26.8517, 27.7959, 16.6515



24.0066, 27.7959, 17.7355



21.9544, 27.7959, 21.9132

Triad

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



24.0066, 27.7959, 17.7355



23.3143, 27.7959, 45.9820



32.5678, 27.7959, 31.5139

Complementary

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



24.0066, 27.7959, 17.7355



17.4399, 16.0244, 30.1925

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.



31.4516, 27.7959, 40.5077



24.0066, 27.7959, 17.7355



25.9913, 27.7959, 49.8003

Square

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



24.0066, 27.7959, 17.7355



21.5763, 27.7959, 37.9709



28.9882, 27.7959, 47.6296



31.9373, 27.7959, 23.6793

Rectangle

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



24.0066, 27.7959, 17.7355



21.2371, 27.7959, 26.3834



28.9882, 27.7959, 47.6296



32.3822, 27.7959, 34.5098

Sweetspot

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



24.0073, 27.7971, 17.7361



47.0606, 51.1157, 47.4495



20.7988, 19.3044, 16.2659



10.6606, 11.6326, 10.5385



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.0073, 27.7971, 17.7361



41.0236, 48.4498, 27.0044



20.8414, 26.1650, 17.5879



6.1582, 6.6894, 6.2071



15.6590, 21.5004, 3.3247



0.2141, 0.2747, 0.0417

Inverse Universe

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



17.4399, 16.0244, 30.1925



27.5047, 24.2079, 52.6575



20.4438, 17.5729, 30.3330



5.5965, 5.6830, 7.2717



4.9979, 2.0491, 24.0631



0.0802, 0.0349, 0.2954

Previews

White Background



This preview shows how the XYZ color 24.0066, 27.7959, 17.7355 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 24.0066, 27.7959, 17.7355 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

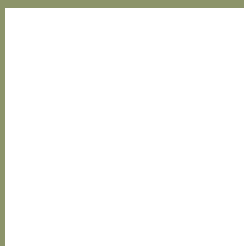
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0066, 27.7959, 17.7355

Background



This preview shows how black text looks on a background with the XYZ color 24.0066, 27.7959, 17.7355.



This preview shows how white text looks on a background with the XYZ color 24.0066, 27.7959,

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

24.0066, 27.7959, 17.7355

Protanopia

25.7984, 27.8160, 17.1060

Deuteranopia

28.1574, 27.6947, 18.0489



Tritanopia

27.2768, 27.7569, 34.0570

Trichromacy



Original Color

24.0066, 27.7959, 17.7355

Protanomaly

25.0696, 27.6603, 17.3823

Deuteranomaly

26.4274, 27.6766, 17.8592

Tritanomaly

25.9188, 27.6534, 27.2641

Monochromacy



Original Color

24.0066, 27.7959, 17.7355

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8540, 27.1678, 24.3560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0066, 27.7959, 17.7355 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(140, 148, 106)` looks like.

```
.text, #text, p{  
    color:rgb(140, 148, 106)  
}
```

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(140, 148, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 148, 106) }
```

Border

The CSS property to change the border of an element to XYZ 24.0066, 27.7959, 17.7355 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(140, 148, 106) }
```


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

```
.border{ border-color:rgb(140, 148, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 148, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 148, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 148, 106);  
box-shadow:4px 4px 4px 4px rgb(140, 148,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0066, 27.7959, 17.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 148, 106) }
```

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

```
.background{ background-color: rgb(140,  
148, 106) }
```

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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