

Converting Colors

XYZ(17.5230, 28.1233, 25.0068)

Have a look what the booklet for
XYZ(17.5230, 28.1233, 25.0068)
contains.

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Color

**XYZ(17.4455, 27.9859,
24.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	1BA380
RGB	27, 163, 128
RGB Percent	11%, 64%, 50%
CMY	0.8941, 0.3608, 0.4980
CMYK	0.83, 0.00, 0.21, 0.36
HSL	165°, 72%, 37%
HSV	165°, 83%, 64%
XYZ	17.4455, 27.9859, 24.9044
YIQ	118.3460, -69.8210, -39.7170

Conversions

Conversions Part 2

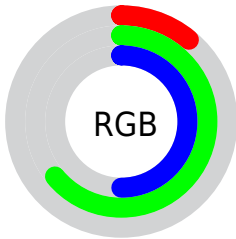
Format	Color
R_{YB}	27, 105, 163
Decimal	1811328
CIE _{Lab}	59.88, -42.90, 8.51
CIE _{LCh}	60, 43.735, 168.781
Yxy	27.9859, 0.2480, 0.3979
Android (android.graphics.Color)	4280001408 (0xFF1BA380)
YUV	118.3460, 4.7594, -80.1104
Hunter-Lab	52.9017, -33.7137, 9.1194

Details

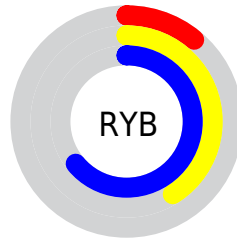
The XYZ color **17.4455, 27.9859, 24.9044** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **16.3667, 8.9190, 5.4179**, and the grayscale version is **17.3309, 18.2334, 19.8562**.

A 20% lighter version of the original color is **38.7090, 56.5959, 52.6000**, and **6.9872, 11.7164, 9.2904** is the 20% darker color. If you saturate the color by 10%, you get **16.8577, 27.7148, 23.4655**, and if you desaturate by 10%, it is **18.2853, 28.3869, 26.4159**.

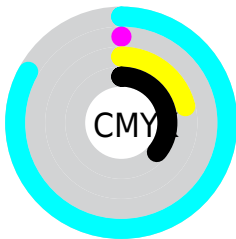
Distribution



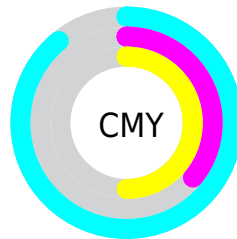
- Red (11%)
- Green (64%)
- Blue (50%)



- Red (11%)
- Yellow (41%)
- Blue (64%)



- Cyan (83%)
- Magenta (0%)
- Yellow (21%)
- Black (36%)





- Cyan (89%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4455, 27.9859, 24.9044 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 17.4455, 27.9859, 24.9044 by changing the saturation by 10% instead.


 17.4455, 27.9859,
24.9044


 17.4455, 27.9859,
24.9044


230.8333,
292.3995, 290.7939


 10.6499, 18.3150,
15.7875


 38.6277, 56.4619,
52.4643


 5.8975, 11.1764,
9.2212


 53.7450, 76.0359,
71.7443


 2.8229, 6.1856,
4.7869

 72.3670, 99.6796,
95.2491

 1.0608, 2.9583,
2.0663

 94.8589, 127.7776,
123.3973

 0.0000, 1.1100,
0.5956

 121.5861,
160.7142, 156.6073

 0.0000, 0.0000,
0.0000

 152.9140,

198.8738, 195.2977

189.2079,
242.6408, 239.8871

■ 17.4455, 27.9859,
24.9044

■ 17.4455, 27.9859,
24.9044

■ 16.8577, 27.7148,
23.4655

■ 18.2853, 28.3869,
26.4159

■ 16.5519, 27.5770,
22.5557

■ 19.4095, 28.9326,
28.0004

■ 20.8481, 29.6390,
29.6606

■ 22.6264, 30.5191,
31.3984

■ 24.7674, 31.5848,
33.2156

■ 27.2916, 32.8467,
35.1136

■ 30.2184, 34.3147,
37.0941

■ 33.5656, 35.9980,
39.1586

■ 37.3499, 37.9053,
41.3084

Harmonies

Analogous

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



19.3533, 27.9859, 14.4444



17.4455, 27.9859, 24.9044



17.7219, 27.9859, 41.4083

Triad

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



17.4455, 27.9859, 24.9044



30.1854, 27.9859, 69.5300



34.2691, 27.9859, 12.7800

Complementary

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



17.4455, 27.9859, 24.9044



16.3667, 8.9190, 5.4179

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.



38.0357, 27.9859, 21.6535



17.4455, 27.9859, 24.9044



35.4610, 27.9859, 55.3717

Square

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



17.4455, 27.9859, 24.9044



24.5772, 27.9859, 71.3539



38.5000, 27.9859, 36.8128



28.7304, 27.9859, 9.2503

Rectangle

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



17.4455, 27.9859, 24.9044



19.1182, 27.9859, 53.9019



38.5000, 27.9859, 36.8128



35.8156, 27.9859, 15.0583

Sweetspot

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



17.4463, 27.9870, 24.9051



47.8988, 58.3350, 62.1804



15.3631, 27.3403, 5.5050



10.4115, 12.9285, 13.7087



78.6606, 82.7571, 90.1225



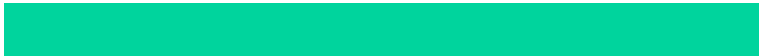
14.0027, 14.7319, 16.0430

Same Dimension

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



17.4463, 27.9870, 24.9051



29.5570, 49.3525, 39.9455



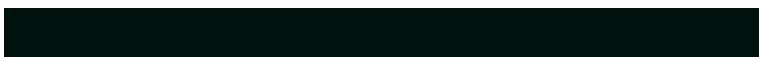
15.2161, 19.1830, 37.5523



7.1979, 7.9800, 8.6538



12.8826, 21.4394, 17.6300



0.2882, 0.4575, 0.4626

Inverse Universe

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



16.3667, 8.9190, 5.4179



27.7276, 14.2159, 4.8311



16.8534, 10.9674, 2.2661



7.1451, 7.1145, 7.7506



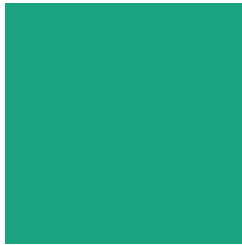
12.0792, 6.1877, 2.3419



0.2718, 0.1372, 0.1441

Previews

White Background



This preview shows how the XYZ color 17.4455, 27.9859, 24.9044 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 17.4455, 27.9859, 24.9044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

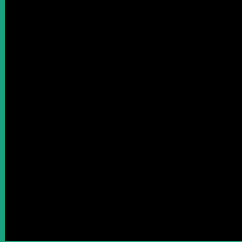
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4455, 27.9859, 24.9044

Background



This preview shows how black text looks on a background with the XYZ color 17.4455, 27.9859, 24.9044.

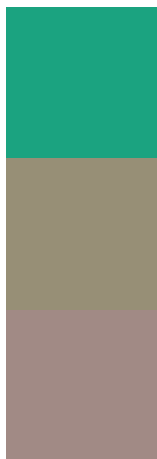


This preview shows how white text looks on a background with the XYZ color 17.4455, 27.9859,

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

17.4455, 27.9859, 24.9044

Protanopia

25.8550, 27.5322, 21.0911

Deuteranopia

28.0201, 27.4475, 26.0114



Tritanopia

20.9436, 27.8570, 42.3033

Trichromacy



Original Color

17.4455, 27.9859, 24.9044



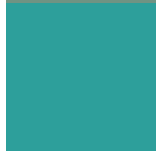
Protanomaly

20.3631, 26.2820, 22.4120



Deuteranomaly

21.2125, 25.9509, 25.3637



Tritanomaly

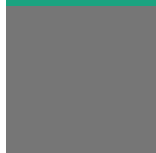
19.3967, 27.7207, 35.3387

Monochromacy



Original Color

17.4455, 27.9859, 24.9044



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

15.7843, 20.3866, 21.5154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4455, 27.9859, 24.9044 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(27, 163, 128)` looks like.

```
.text, #text, p{  
    color:rgb(27, 163, 128)  
}
```

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(27, 163, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 163, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.4455, 27.9859, 24.9044 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(27, 163, 128) }
```


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

```
.border{ border-color:rgb(27, 163, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 163, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 163, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 163, 128);  
box-shadow:4px 4px 4px 4px rgb(27, 163,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4455, 27.9859, 24.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 163, 128) }
```

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

```
.background{ background-color: rgb(27, 163,  
128) }
```

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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