

Converting Colors

XYZ(17.6350, 26.1079, 27.0179)

Have a look what the booklet for
XYZ(17.6350, 26.1079, 27.0179)
contains.

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Color

**XYZ(17.5627, 25.9488,
27.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	359B87
RGB	53, 155, 135
RGB Percent	21%, 61%, 53%
CMY	0.7921, 0.3921, 0.4706
CMYK	0.66, 0.00, 0.13, 0.39
HSL	168°, 49%, 41%
HSV	168°, 66%, 61%
XYZ	17.5627, 25.9488, 27.0046
YIQ	122.2220, -54.3720, -27.8440

Conversions

Conversions Part 2

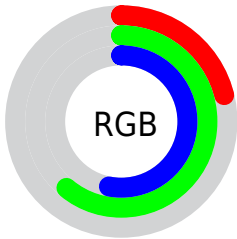
Format	Color
RYB	53, 110, 155
Decimal	3513223
CIELab	57.99, -34.13, 1.91
CIElCh	58, 34.181, 176.799
Yxy	25.9488, 0.2491, 0.3680
Android (android.graphics.Color)	4281703303 (0xFF359B87)
YUV	122.2220, 6.2996, -60.7077
Hunter-Lab	50.9400, -27.6030, 4.2268

Details

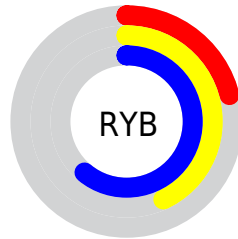
The XYZ color **17.5627, 25.9488, 27.0046** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **15.9941, 9.9965, 7.3909**, and the grayscale version is **18.5647, 19.5315, 21.2698**.

A 20% lighter version of the original color is **38.8058, 53.1688, 55.7943**, and **6.4899, 10.3564, 10.2513** is the 20% darker color. If you saturate the color by 10%, you get **16.6651, 25.5111, 25.8618**, and if you desaturate by 10%, it is **18.7314, 26.5268, 28.1931**.

Distribution



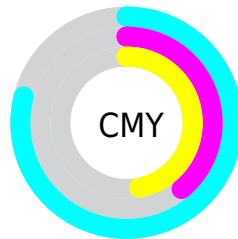
- Red (21%)
- Green (61%)
- Blue (53%)



- Red (21%)
- Yellow (43%)
- Blue (61%)



- Cyan (66%)
- Magenta (0%)
- Yellow (13%)
- Black (39%)



- Cyan (79%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5627, 25.9488, 27.0046 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 17.5627, 25.9488, 27.0046 by changing the saturation by 10% instead.

■ 17.5627, 25.9488,
27.0046

■ 17.5627, 25.9488,
27.0046

231.4881,
282.5307, 301.4403

■ 10.7343, 16.7853,
17.3442

■ 38.8267, 53.1923,
55.8951

■ 5.9544, 10.0816,
10.3157

■ 53.9930, 72.0412,
75.9622

■ 2.8578, 5.4531,
5.5004

■ 72.6693, 94.8873,
100.3354

■ 1.0790, 2.5155,
2.4799

■ 95.2209, 122.1151,
129.4331

■ 0.0074, 0.8844,
0.8295

■ 122.0133,
154.1089, 163.6739

■ 0.0000, 0.0000,
0.0000

153.4117,

191.2532, 203.4764

189.7815,
233.9323, 249.2590

■ 17.5627, 25.9488,
27.0046

■ 17.5627, 25.9488,
27.0046

■ 16.6651, 25.5111,
25.8618

■ 18.7314, 26.5268,
28.1931

■ 16.0100, 25.1970,
24.7614

■ 20.1920, 27.2540,
29.4269

■ 15.5615, 24.9888,
23.7021

■ 21.9659, 28.1420,
30.7078

■ 15.3984, 24.9142,
23.2681

■ 24.0717, 29.2003,
32.0368

■ 26.5265, 30.4378,
33.4151

■ 29.3463, 31.8628,
34.8437

■ 32.5462, 33.4830,
36.3235

■ 36.1403, 35.3056,
37.8553

■ 40.1419, 37.3376,
39.4401

Harmonies

Analogous

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



18.6051, 25.9488, 17.5529



17.5627, 25.9488, 27.0046



18.2406, 25.9488, 39.7807

Triad

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



17.5627, 25.9488, 27.0046



28.4146, 25.9488, 53.7613



29.2658, 25.9488, 13.1920

Complementary

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



17.5627, 25.9488, 27.0046



15.9941, 9.9965, 7.3909

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.



32.4409, 25.9488, 19.2011



17.5627, 25.9488, 27.0046



31.9122, 25.9488, 42.6042

Square

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



17.5627, 25.9488, 27.0046



24.2234, 25.9488, 57.5379



33.4591, 25.9488, 29.5410



25.1090, 25.9488, 11.1031

Rectangle

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



17.5627, 25.9488, 27.0046



19.6234, 25.9488, 48.2542



33.4591, 25.9488, 29.5410



30.5004, 25.9488, 14.7211

Sweetspot

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



17.5634, 25.9498, 27.0052



45.4090, 53.4519, 58.6979



15.1428, 25.1329, 7.4217



10.0211, 11.9690, 13.1402



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.5634, 25.9498, 27.0052



29.2377, 45.3936, 45.3714



14.6433, 17.6402, 33.6445



6.3326, 7.0058, 7.6751



12.3811, 20.0159, 18.7593



0.1969, 0.3040, 0.3426

Inverse Universe

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



15.9941, 9.9965, 7.3909



26.2670, 14.6454, 7.8352



17.3004, 13.5052, 5.0636



6.2559, 6.2415, 6.7275



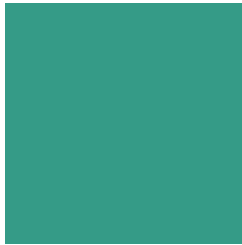
11.0611, 5.6787, 1.5808



0.1760, 0.0892, 0.0797

Previews

White Background



This preview shows how the XYZ color 17.5627, 25.9488, 27.0046 looks on a white background.

Color Contrast Check

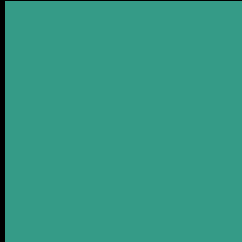
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5627, 25.9488, 27.0046 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 17.5627, 25.9488, 27.0046

Background



This preview shows how black text looks on a background with the XYZ color 17.5627, 25.9488, 27.0046.

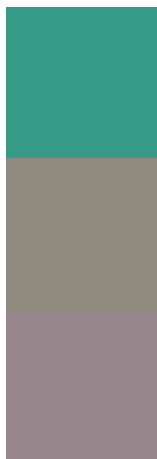


This preview shows how white text looks on a background with the XYZ color 17.5627, 25.9488,

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

17.5627, 25.9488, 27.0046

Protanopia

24.3560, 25.6126, 23.3987

Deuteranopia

26.0212, 25.5230, 28.3659



Tritanopia

19.9242, 25.9358, 38.6063

Trichromacy



Original Color

17.5627, 25.9488, 27.0046

Protanomaly

20.4913, 24.9110, 24.4972

Deuteranomaly

21.3307, 24.8258, 27.7124

Tritanomaly

18.9025, 25.7485, 34.1107

Monochromacy



Original Color

17.5627, 25.9488, 27.0046

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.2856, 21.1239, 23.2449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5627, 25.9488, 27.0046 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(53, 155, 135)` looks like.

```
.text, #text, p{  
  color:rgb(53, 155, 135)  
}
```

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(53, 155, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 155, 135) }
```

Border

The CSS property to change the border of an element to XYZ 17.5627, 25.9488, 27.0046 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(53, 155, 135) }
```


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

```
.border{ border-color:rgb(53, 155, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 155, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 155, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 155, 135);  
box-shadow:4px 4px 4px 4px rgb(53, 155,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5627, 25.9488, 27.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 155, 135) }
```

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

```
.background{ background-color: rgb(53, 155,  
135) }
```

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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