

Converting Colors

XYZ(17.8890, 27.6907, 26.0712)

Have a look what the booklet for
XYZ(17.8890, 27.6907, 26.0712)
contains.

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Color

**XYZ(17.9060, 27.6693,
26.2268)**

Conversions

Conversions Part 1

Format	Color
Hex	2BA184
RGB	43, 161, 132
RGB Percent	17%, 63%, 52%
CMY	0.8314, 0.3686, 0.4823
CMYK	0.73, 0.00, 0.18, 0.37
HSL	165°, 58%, 40%
HSV	165°, 73%, 63%
XYZ	17.9060, 27.6693, 26.2268
YIQ	122.4120, -61.0190, -34.0350

Conversions

Conversions Part 2

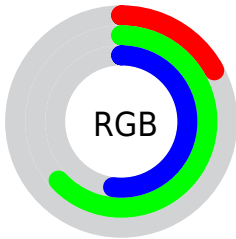
Format	Color
RYB	43, 110, 161
Decimal	2859396
CIELab	59.59, -39.18, 5.89
CIElCh	60, 39.622, 171.457
Yxy	27.6693, 0.2494, 0.3854
Android (android.graphics.Color)	4281049476 (0xFF2BA184)
YUV	122.4120, 4.7269, -69.6443
Hunter-Lab	52.6016, -31.2900, 7.2595

Details

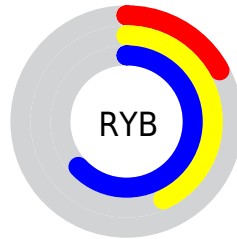
The XYZ color **17.9060, 27.6693, 26.2268** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **16.7324, 9.7734, 7.1365**, and the grayscale version is **18.6336, 19.6040, 21.3487**.

A 20% lighter version of the original color is **39.5137, 56.1927, 54.6626**, and **6.9239, 11.3497, 10.0094** is the 20% darker color. If you saturate the color by 10%, you get **17.0940, 27.2821, 24.8024**, and if you desaturate by 10%, it is **18.9962, 28.2001, 27.7191**.

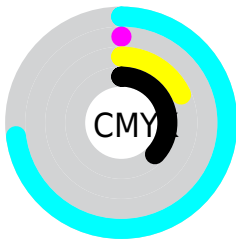
Distribution



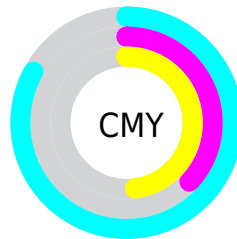
- Red (17%)
- Green (63%)
- Blue (52%)



- Red (17%)
- Yellow (43%)
- Blue (63%)



- Cyan (73%)
- Magenta (0%)
- Yellow (18%)
- Black (37%)



- Cyan (83%)
- Magenta (37%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9060, 27.6693, 26.2268 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 17.9060, 27.6693, 26.2268 by changing the saturation by 10% instead.

■ 17.9060, 27.6693,
26.2268

■ 17.9060, 27.6693,
26.2268

233.3965,
290.8833, 297.5345

■ 10.9818, 18.0765,
16.7661

■ 39.4084, 55.9560,
54.6292

■ 6.1218, 11.0049,
9.9077

■ 54.7174, 75.4188,
74.4079

■ 2.9606, 6.0702,
5.2330

■ 73.5519, 98.9403,
98.4631

■ 1.1330, 2.8878,
2.3235

■ 96.2775, 126.9050,
127.2133

■ 0.0524, 1.0734,
0.7443

■ 123.2593,
159.6972, 161.0770

■ 0.0000, 0.0000,
0.0000

154.8629,

197.7014, 200.4727

191.4535,
241.3020, 245.8190

■ 17.9060, 27.6693,
26.2268

■ 17.9060, 27.6693,
26.2268

■ 17.0940, 27.2821,
24.8024

■ 18.9962, 28.2001,
27.7191

■ 16.5244, 27.0180,
23.4418

■ 20.3905, 28.8858,
29.2792

■ 16.2231, 26.8818,
22.5620

■ 22.1142, 29.7401,
30.9095

■ 24.1895, 30.7745,
32.6115

■ 26.6364, 31.9991,
34.3869

■ 29.4735, 33.4237,
36.2370

■ 32.7180, 35.0570,
38.1630

■ 36.3863, 36.9075,
40.1664

■ 40.4936, 38.9831,
42.2484

Harmonies

Analogous

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



19.4857, 27.6693, 16.0441



17.9060, 27.6693, 26.2268



18.3418, 27.6693, 41.3381

Triad

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



17.9060, 27.6693, 26.2268



29.9670, 27.6693, 63.6197



32.7417, 27.6693, 13.3408

Complementary

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



17.9060, 27.6693, 26.2268



16.7324, 9.7734, 7.1365

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.



36.2773, 27.6693, 21.1520



17.9060, 27.6693, 26.2268



34.5396, 27.6693, 50.6972

Square

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



17.9060, 27.6693, 26.2268



24.8991, 27.6693, 66.2890



36.9738, 27.6693, 34.3962



27.7500, 27.6693, 10.3048

Rectangle

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



17.9060, 27.6693, 26.2268



19.7436, 27.6693, 52.2268



36.9738, 27.6693, 34.3962



34.1648, 27.6693, 15.3511

Sweetspot

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



17.9068, 27.6704, 26.2274



48.1186, 57.5146, 61.8667



15.8917, 27.0623, 6.6719



10.2945, 12.4842, 13.3900



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.9068, 27.6704, 26.2274



29.9177, 48.5337, 42.8538



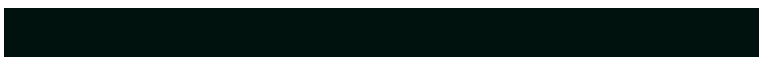
15.6138, 19.4551, 36.6518



7.2014, 7.9814, 8.6721



12.9731, 21.4756, 18.1068



0.2896, 0.4580, 0.4698

Inverse Universe

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



16.7324, 9.7734, 7.1365



27.7879, 14.7153, 7.2227



17.4847, 12.4520, 3.7679



7.1419, 7.1132, 7.7334



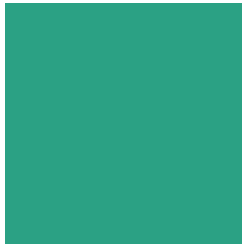
12.0531, 6.1773, 2.2041



0.2707, 0.1368, 0.1381

Previews

White Background



This preview shows how the XYZ color 17.9060, 27.6693, 26.2268 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 17.9060, 27.6693, 26.2268 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

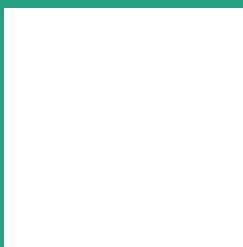
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9060, 27.6693, 26.2268

Background



This preview shows how black text looks on a background with the XYZ color 17.9060, 27.6693, 26.2268.

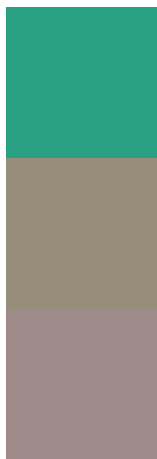


This preview shows how white text looks on a background with the XYZ color 17.9060, 27.6693,

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

17.9060, 27.6693, 26.2268

Protanopia

25.7635, 27.2352, 22.3114

Deuteranopia

27.7044, 27.2522, 27.4669



Tritanopia

21.0365, 27.6656, 41.7674

Trichromacy



Original Color

17.9060, 27.6693, 26.2268



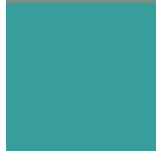
Protanomaly

21.0689, 26.3808, 23.7202



Deuteranomaly

21.8545, 26.0200, 26.7922



Tritanomaly

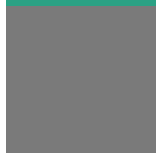
19.8032, 27.6662, 35.7489

Monochromacy



Original Color

17.9060, 27.6693, 26.2268



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

17.0843, 21.4418, 22.9769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9060, 27.6693, 26.2268 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(43, 161, 132)` looks like.

```
.text, #text, p{  
    color:rgb(43, 161, 132)  
}
```

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(43, 161, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 161, 132) }
```

Border

The CSS property to change the border of an element to XYZ 17.9060, 27.6693, 26.2268 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(43, 161, 132) }
```


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

```
.border{ border-color:rgb(43, 161, 132) }
```

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

Here you see how a box with a 4 pixel rgb(43, 161, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 161, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 161, 132);  
box-shadow:4px 4px 4px 4px rgb(43, 161,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9060, 27.6693, 26.2268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 161, 132) }
```

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

```
.background{ background-color: rgb(43, 161,  
132) }
```

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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