

Converting Colors

XYZ(17.6126, 27.2418, 27.5984)

Have a look what the booklet for
XYZ(17.6126, 27.2418, 27.5984)
contains.

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Color

**XYZ(17.6104, 27.2263,
27.6196)**

Conversions

Conversions Part 1

Format	Color
Hex	20A088
RGB	32, 160, 136
RGB Percent	13%, 63%, 53%
CMY	0.8745, 0.3725, 0.4667
CMYK	0.80, 0.00, 0.15, 0.37
HSL	169°, 67%, 38%
HSV	169°, 80%, 63%
XYZ	17.6104, 27.2263, 27.6196
YIQ	118.9920, -68.5840, -34.6000

Conversions

Conversions Part 2

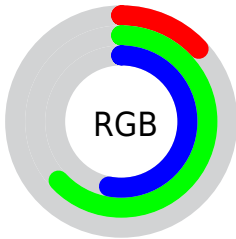
Format	Color
R_{YB}	32, 103, 160
Decimal	2138248
CIE _{Lab}	59.18, -39.02, 3.02
CIE _{LCh}	59, 39.137, 175.572
Yxy	27.2263, 0.2430, 0.3758
Android (android.graphics.Color)	4280328328 (0xFF20A088)
YUV	118.9920, 8.3849, -76.2920
Hunter-Lab	52.1788, -31.0690, 5.1415

Details

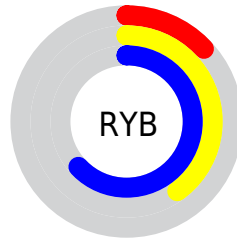
The XYZ color **17.6104, 27.2263, 27.6196** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **15.7284, 8.7928, 4.6106**, and the grayscale version is **17.5229, 18.4354, 20.0762**.

A 20% lighter version of the original color is **38.7413, 54.9843, 56.7153**, and **6.9374, 11.1873, 10.5978** is the 20% darker color. If you saturate the color by 10%, you get **17.0188, 26.9463, 26.4948**, and if you desaturate by 10%, it is **18.4508, 27.6352, 28.7884**.

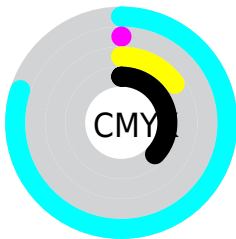
Distribution



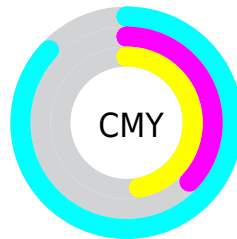
- Red (13%)
- Green (63%)
- Blue (53%)



- Red (13%)
- Yellow (40%)
- Blue (63%)



- Cyan (80%)
- Magenta (0%)
- Yellow (15%)
- Black (37%)





- Cyan (87%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.6104, 27.2263, 27.6196 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 17.6104, 27.2263, 27.6196 by changing the saturation by 10% instead.


 17.6104, 27.2263,
27.6196


 17.6104, 27.2263,
27.6196


231.7541,
288.7512, 304.4993


 10.7686, 17.7433,
17.8026


 38.9076, 55.2468,
56.8923


 5.9776, 10.7658,
10.6404


 54.0938, 74.5530,
77.1851


 2.8720, 5.9096,
5.7144

 72.7922, 97.9025,
101.8068

 1.0864, 2.7902,
2.6063

 95.3681, 125.6795,
131.1761

 0.0137, 1.0232,
0.8957

 122.1868,
158.2684, 165.7114

 0.0000, 0.0000,
0.0000

 153.6139,

196.0538, 205.8314

190.0145,
239.4199, 251.9545

■ 17.6104, 27.2263,
27.6196

■ 17.6104, 27.2263,
27.6196

■ 17.0188, 26.9463,
26.4948

■ 18.4508, 27.6352,
28.7884

■ 16.6007, 26.7543,
25.4085

■ 19.5687, 28.1858,
30.0010

■ 16.6005, 26.7543,
25.4081

■ 20.9912, 28.8928,
31.2595

■ 22.7414, 29.7680,
32.5652

■ 24.8405, 30.8223,
33.9194

■ 27.3076, 32.0656,
35.3233

■ 30.1604, 33.5070,
36.7777

■ 33.4157, 35.1552,
38.2839

■ 37.0890, 37.0182,
39.8427

Harmonies

Analogous

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



18.8891, 27.2263, 16.9077



17.6104, 27.2263, 27.6196



18.3083, 27.2263, 42.8111

Triad

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



17.6104, 27.2263, 27.6196



30.1394, 27.2263, 61.0615



31.5487, 27.2263, 12.5546

Complementary

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



17.6104, 27.2263, 27.6196



15.7284, 8.7928, 4.6106

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.



35.2899, 27.2263, 19.4994



17.6104, 27.2263, 27.6196



34.4072, 27.2263, 47.5647

Square

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



17.6104, 27.2263, 27.6196



25.1606, 27.2263, 65.2835



36.3963, 27.2263, 31.7667



26.6084, 27.2263, 10.1237

Rectangle

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



17.6104, 27.2263, 27.6196



19.8538, 27.2263, 53.2518



36.3963, 27.2263, 31.7667



33.0114, 27.2263, 14.3067

Sweetspot

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



17.6112, 27.2274, 27.6202



47.4955, 57.1680, 62.9849



14.5542, 26.1346, 5.6444



10.0933, 12.3750, 13.6271



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.



17.6112, 27.2274, 27.6202



30.3242, 48.6618, 46.5521



13.8522, 16.6673, 35.7460



6.7685, 7.4881, 8.2153



12.9462, 20.8464, 19.8713



0.2441, 0.3778, 0.4219

Inverse Universe

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



15.7284, 8.7928, 4.6106



26.9068, 13.9488, 3.8595



16.9741, 12.0094, 2.7904



6.6814, 6.6655, 7.1732



11.4884, 5.8999, 1.5567



0.2176, 0.1104, 0.0922

Previews

White Background



This preview shows how the XYZ color 17.6104, 27.2263, 27.6196 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 17.6104, 27.2263, 27.6196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

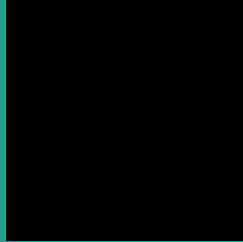
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.6104, 27.2263, 27.6196

Background



This preview shows how black text looks on a background with the XYZ color 17.6104, 27.2263, 27.6196.

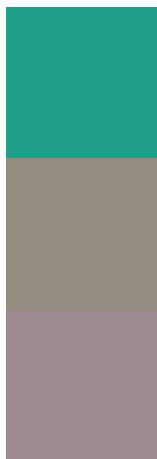


This preview shows how white text looks on a background with the XYZ color 17.6104, 27.2263,

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

17.6104, 27.2263, 27.6196

Protanopia

25.5035, 26.8520, 23.5774

Deuteranopia

27.2709, 26.7830, 28.9316



Tritanopia

20.2574, 27.0267, 41.1948

Trichromacy



Original Color

17.6104, 27.2263, 27.6196

Protanomaly

20.5630, 25.8557, 25.0260

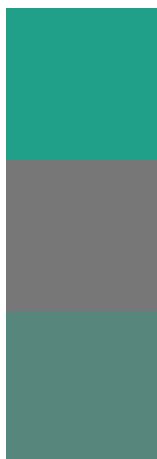
Deuteranomaly

21.2160, 25.4299, 28.2164

Tritanomaly

19.1399, 27.0721, 35.6692

Monochromacy



Original Color

17.6104, 27.2263, 27.6196

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.1572, 20.5571, 22.5184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6104, 27.2263, 27.6196 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(32, 160, 136)` looks like.

```
.text, #text, p{  
    color:rgb(32, 160, 136)  
}
```

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(32, 160, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 160, 136) }
```

Border

The CSS property to change the border of an element to XYZ 17.6104, 27.2263, 27.6196 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(32, 160, 136) }
```


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

```
.border{ border-color:rgb(32, 160, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 160, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 160, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 160, 136);  
box-shadow:4px 4px 4px 4px rgb(32, 160,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6104, 27.2263, 27.6196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 160, 136) }
```

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

```
.background{ background-color: rgb(32, 160,  
136) }
```

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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