

Converting Colors

XYZ(18.5557, 27.7163, 35.1489)

Have a look what the booklet for
XYZ(18.5557, 27.7163, 35.1489)
contains.

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Color

**XYZ(18.5776, 27.8228,
34.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	00A19A
RGB	0, 161, 154
RGB Percent	0%, 63%, 60%
CMY	0.9999, 0.3686, 0.3961
CMYK	1.00, 0.00, 0.04, 0.37
HSL	177°, 100%, 32%
HSV	177°, 100%, 63%
XYZ	18.5776, 27.8228, 34.9631
YIQ	112.0630, -93.7090, -36.3090

Conversions

Conversions Part 2

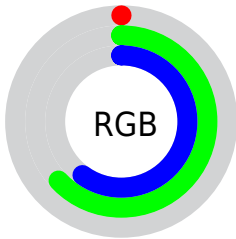
Format	Color
RYB	0, 82, 161
Decimal	41370
CIELab	59.73, -36.24, -6.39
CIELCh	60, 36.803, 189.998
Yxy	27.8228, 0.2283, 0.3420
Android (android.graphics.Color)	4278231450 (0xFF00A19A)
YUV	112.0630, 20.6749, -98.2793
Hunter-Lab	52.7473, -29.4401, -2.3767

Details

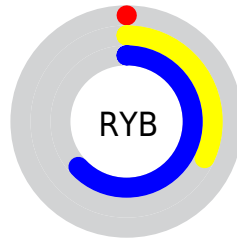
The XYZ color **18.5776, 27.8228, 34.9631** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.7372, 7.5932, 0.8907**, and the grayscale version is **15.3830, 16.1841, 17.6245**.

A 20% lighter version of the original color is **40.3547, 55.9411, 68.3453**, and **7.9168, 11.9166, 14.7148** is the 20% darker color. If you saturate the color by 10%, you get **18.5780, 27.8236, 34.9633**, and if you desaturate by 10%, it is **18.8525, 27.9583, 35.2819**.

Distribution



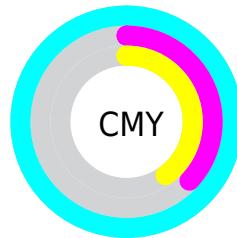
- Red (0%)
- Green (63%)
- Blue (60%)



- Red (0%)
- Yellow (32%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)





- Cyan (100%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5776, 27.8228, 34.9631 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 18.5776, 27.8228, 34.9631 by changing the saturation by 10% instead.


 18.5776, 27.8228,
34.9631


 18.5776, 27.8228,
34.9631


237.0900,
291.6192, 339.3047


 11.4677, 18.1921,
23.3511


 40.5415, 56.2014,
68.5795


 6.4519, 11.0880,
14.6453


 56.1262, 75.7181,
91.4211


 3.1650, 6.1261,
8.4270


 75.2665, 99.2990,
118.8428

 1.2416, 2.9219,
4.2777

 98.3278, 127.3284,
151.2635

 0.1389, 1.0911,
1.7789

 125.6755,
160.1907, 189.1014

 0.0000, 0.0000,
0.4140

 157.6748,

 0.0000, 0.0000,

198.2704, 232.7752

0.0000

194.6912,
241.9517, 282.7035

■ 18.5776, 27.8228,
34.9631

■ 18.5776, 27.8228,
34.9631

■ 18.5780, 27.8236,
34.9633

■ 18.8525, 27.9583,
35.2819

■ 19.2982, 28.1813,
35.6099

■ 19.9890, 28.5306,
35.9512

■ 20.9564, 29.0224,
36.3072

■ 22.2269, 29.6705,
36.6791

■ 23.8243, 30.4871,
37.0682

■ 25.7698, 31.4830,
37.4753

■ 28.0827, 32.6683,
37.9014

■ 30.7812, 34.0524,
38.3474

Harmonies

Analogous

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



18.8985, 27.8228, 22.3495



18.5776, 27.8228, 34.9631



20.1672, 27.8228, 49.9237

Triad

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



18.5776, 27.8228, 34.9631



32.6209, 27.8228, 54.4617



29.6239, 27.8228, 12.0351

Complementary

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



18.5776, 27.8228, 34.9631



14.7372, 7.5932, 0.8907

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.



33.9060, 27.8228, 16.6314



18.5776, 27.8228, 34.9631



35.7721, 27.8228, 39.9288

Square

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



18.5776, 27.8228, 34.9631



28.0283, 27.8228, 63.1741



36.2681, 27.8228, 26.0608



24.9220, 27.8228, 11.4210

Rectangle

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



18.5776, 27.8228, 34.9631



22.2194, 27.8228, 58.3355



36.2681, 27.8228, 26.0608



31.1744, 27.8228, 13.0841

Sweetspot

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



18.5784, 27.8238, 34.9638



45.9308, 56.2693, 67.0699



12.8465, 25.5427, 4.2539



9.7584, 12.1794, 14.6456



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.



18.5784, 27.8238, 34.9638



33.2510, 49.8204, 62.5111



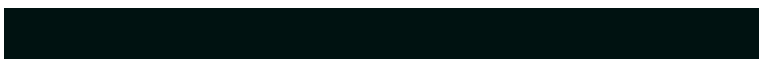
9.9696, 9.6456, 35.0556



7.2627, 8.0059, 8.9954



14.8413, 22.2228, 27.9443



0.3156, 0.4685, 0.6071

Inverse Universe

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



14.7372, 7.5932, 0.8907



26.3726, 13.5898, 1.4942



17.0461, 12.2724, 1.4711



7.0857, 7.0907, 7.4376



11.7735, 6.0654, 0.7317



0.2509, 0.1289, 0.0339

Previews

White Background



This preview shows how the XYZ color 18.5776, 27.8228, 34.9631 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 18.5776, 27.8228, 34.9631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

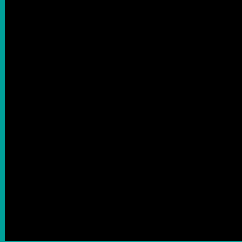
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.5776, 27.8228, 34.9631

Background



This preview shows how black text looks on a background with the XYZ color 18.5776, 27.8228, 34.9631.



This preview shows how white text looks on a background with the XYZ color 18.5776, 27.8228,

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

18.5776, 27.8228, 34.9631

Protanopia

26.3080, 27.3489, 29.8789

Deuteranopia

28.0683, 27.4525, 36.6204



Tritanopia

20.2707, 27.7513, 42.8162

Trichromacy



Original Color

18.5776, 27.8228, 34.9631

Protanomaly

20.4275, 25.8768, 31.5218

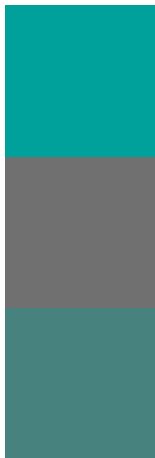
Deuteranomaly

21.2388, 25.7347, 35.7462

Tritanomaly

19.5205, 27.6835, 39.9119

Monochromacy



Original Color

18.5776, 27.8228, 34.9631

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.4119, 18.8372, 22.9550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5776, 27.8228, 34.9631 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(0, 161, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 154)  
}
```

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(0, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 154) }
```

Border

The CSS property to change the border of an element to XYZ 18.5776, 27.8228, 34.9631 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(0, 161, 154) }
```


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

```
.border{ border-color:rgb(0, 161, 154) }
```

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

Here you see how a box with a 4 pixel rgb(0, 161, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5776, 27.8228, 34.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 154) }
```

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

```
.background{ background-color: rgb(0, 161,  
154) }
```

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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