

Converting Colors

XYZ(18.0653, 26.3885, 30.1279)

Have a look what the booklet for
XYZ(18.0653, 26.3885, 30.1279)
contains.

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Color

**XYZ(18.0653, 26.3885,
30.1279)**

Conversions

Conversions Part 1

Format	Color
Hex	309C8F
RGB	48, 156, 143
RGB Percent	19%, 61%, 56%
CMY	0.8117, 0.3882, 0.4392
CMYK	0.69, 0.00, 0.08, 0.39
HSL	173°, 53%, 40%
HSV	173°, 69%, 61%
XYZ	18.0653, 26.3885, 30.1279
YIQ	122.2260, -60.1950, -26.9390

Conversions

Conversions Part 2

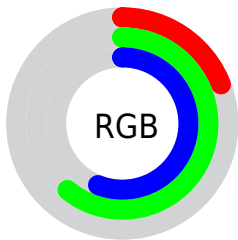
Format	Color
R_{YB}	48, 105, 156
Decimal	3185807
CIE _{Lab}	58.40, -33.23, -2.04
CIE _{LCh}	58, 33.291, 183.520
Yxy	26.3885, 0.2422, 0.3538
Android (android.graphics.Color)	4281375887 (0xFF309C8F)
YUV	122.2260, 10.2416, -65.0962
Hunter-Lab	51.3697, -27.1236, 1.1858

Details

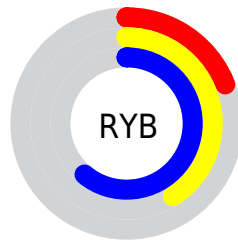
The XYZ color **18.0653, 26.3885, 30.1279** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **15.6104, 9.5195, 5.4305**, and the grayscale version is **18.5550, 19.5213, 21.2587**.

A 20% lighter version of the original color is **39.6790, 53.8710, 61.1302**, and **6.9261, 10.6909, 12.0544** is the 20% darker color. If you saturate the color by 10%, you get **17.3141, 26.0182, 29.3568**, and if you desaturate by 10%, it is **19.0792, 26.8952, 30.9249**.

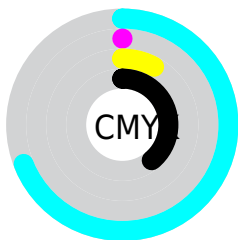
Distribution



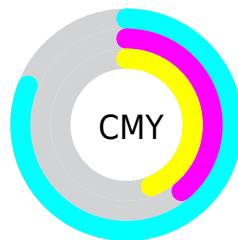
- Red (19%)
- Green (61%)
- Blue (56%)



- Red (19%)
- Yellow (41%)
- Blue (61%)



- Cyan (69%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



- Cyan (81%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0653, 26.3885, 30.1279 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 18.0653, 26.3885, 30.1279 by changing the saturation by 10% instead.

■ 18.0653, 26.3885,
30.1279

■ 18.0653, 26.3885,
30.1279

234.2773,
284.6840, 316.7260

■ 11.0969, 17.1145,
19.6828

■ 39.6778, 53.9010,
60.9278

■ 6.1998, 10.3162,
11.9829

■ 55.0525, 72.9084,
82.1197

■ 3.0088, 5.6091,
6.6096

■ 73.9601, 95.9289,
107.7309

■ 1.1584, 2.6089,
3.1445

■ 96.7658, 123.3471,
138.1800

■ 0.0731, 0.9311,
1.1689

■ 123.8350,
155.5473, 173.8855

■ 0.0000, 0.0000,
0.0000

155.5331,

192.9139, 215.2660

192.2254,
235.8314, 262.7400

■ 18.0653, 26.3885,
30.1279

■ 18.0653, 26.3885,
30.1279

■ 17.3141, 26.0182,
29.3568

■ 19.0792, 26.8952,
30.9249

■ 16.7947, 25.7664,
28.6083

■ 20.3779, 27.5479,
31.7472

■ 16.4457, 25.6023,
27.8801

■ 21.9838, 28.3586,
32.5964

■ 16.4202, 25.5903,
27.8244

■ 23.9164, 29.3375,
33.4735

■ 26.1936, 30.4938,
34.3795

■ 28.8320, 31.8359,
35.3150

■ 31.8472, 33.3720,
36.2810

■ 35.2536, 35.1096,
37.2781

■ 39.0652, 37.0557,
38.3071

Harmonies

Analogous

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



18.7196, 26.3885, 19.8680



18.0653, 26.3885, 30.1279



19.1170, 26.3885, 42.9404

Triad

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



18.0653, 26.3885, 30.1279



29.6467, 26.3885, 51.7077



28.7279, 26.3885, 13.0009

Complementary

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



18.0653, 26.3885, 30.1279



15.6104, 9.5195, 5.4305

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.



32.1731, 26.3885, 18.0654



18.0653, 26.3885, 30.1279



32.7425, 26.3885, 39.9056

Square

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



18.0653, 26.3885, 30.1279



25.5641, 26.3885, 57.3424



33.7131, 26.3885, 27.3810



24.6050, 26.3885, 11.6893

Rectangle

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



18.0653, 26.3885, 30.1279



20.7183, 26.3885, 50.7331



33.7131, 26.3885, 27.3810



30.0178, 26.3885, 14.2383

Sweetspot

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



18.0661, 26.3895, 30.1285



46.6136, 54.8956, 62.0762



14.4346, 25.0285, 6.8670



10.0205, 11.9593, 13.5671



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.



18.0661, 26.3895, 30.1285



30.8867, 46.9821, 52.5772



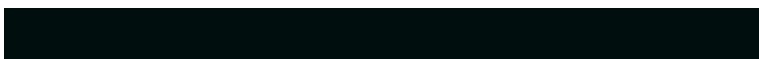
13.5121, 15.6129, 33.7551



6.7874, 7.4957, 8.3153



13.5331, 21.0812, 22.9623



0.2507, 0.3804, 0.4567

Inverse Universe

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



15.6104, 9.5195, 5.4305



26.1846, 14.2971, 5.0020



17.7017, 14.1962, 4.6040



6.6639, 6.6585, 7.0814



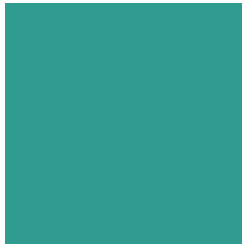
11.3958, 5.8629, 1.0692



0.2120, 0.1081, 0.0626

Previews

White Background



This preview shows how the XYZ color 18.0653, 26.3885, 30.1279 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 18.0653, 26.3885, 30.1279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

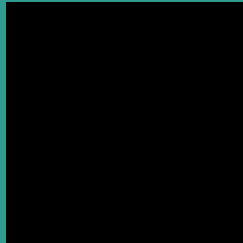
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.0653, 26.3885, 30.1279

Background



This preview shows how black text looks on a background with the XYZ color 18.0653, 26.3885, 30.1279.

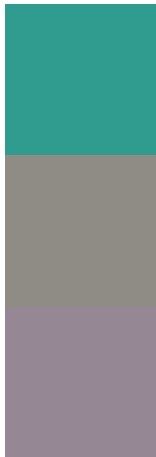


This preview shows how white text looks on a background with the XYZ color 18.0653, 26.3885,

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

18.0653, 26.3885, 30.1279

Protanopia

24.7939, 25.9983, 25.9017

Deuteranopia

26.3249, 25.8241, 31.2008



Tritanopia

19.9864, 26.4289, 39.6452

Trichromacy



Original Color

18.0653, 26.3885, 30.1279

Protanomaly

20.8251, 25.2451, 27.4421

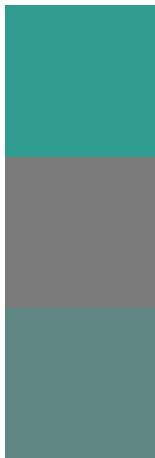
Deuteranomaly

21.6929, 25.1650, 30.9081

Tritanomaly

19.2170, 26.3577, 35.9730

Monochromacy



Original Color

18.0653, 26.3885, 30.1279

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.2737, 21.0948, 24.2804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0653, 26.3885, 30.1279 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(48, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(48, 156, 143)  
}
```

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(48, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 156, 143) }
```

Border

The CSS property to change the border of an element to XYZ 18.0653, 26.3885, 30.1279 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(48, 156, 143) }
```


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

```
.border{ border-color:rgb(48, 156, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 156, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(48, 156,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0653, 26.3885, 30.1279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 156, 143) }
```

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

```
.background{ background-color: rgb(48, 156,  
143) }
```

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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