

Converting Colors

XYZ(18.0055, 26.4961, 34.6431)

Have a look what the booklet for
XYZ(18.0055, 26.4961, 34.6431)
contains.

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Color

**XYZ(18.0277, 26.5182,
34.7402)**

Conversions

Conversions Part 1

Format	Color
Hex	0B9D9A
RGB	11, 157, 154
RGB Percent	4%, 62%, 60%
CMY	0.9568, 0.3843, 0.3961
CMYK	0.93, 0.00, 0.02, 0.38
HSL	179°, 87%, 33%
HSV	179°, 93%, 62%
XYZ	18.0277, 26.5182, 34.7402
YIQ	113.0040, -86.0530, -31.8850

Conversions

Conversions Part 2

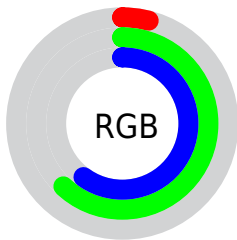
Format	Color
RYB	11, 85, 157
Decimal	761242
CIELab	58.53, -33.95, -8.17
CIElCh	59, 34.922, 193.532
Yxy	26.5182, 0.2274, 0.3345
Android (android.graphics.Color)	4278951322 (0xFF0B9D9A)
YUV	113.0040, 20.2110, -89.4575
Hunter-Lab	51.4958, -27.6283, -3.9512

Details

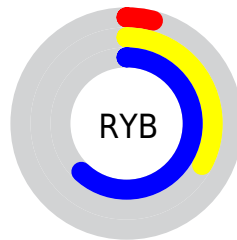
The XYZ color **18.0277, 26.5182, 34.7402** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.1044, 7.4399, 1.1089**, and the grayscale version is **15.6596, 16.4751, 17.9414**.

A 20% lighter version of the original color is **39.5447, 54.0207, 68.0173**, and **7.4998, 11.0824, 14.5758** is the 20% darker color. If you saturate the color by 10%, you get **17.8714, 26.4404, 34.6351**, and if you desaturate by 10%, it is **18.3618, 26.6879, 34.8970**.

Distribution



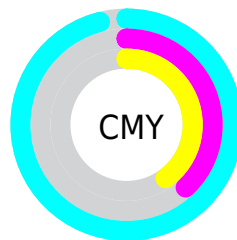
- Red (4%)
- Green (62%)
- Blue (60%)



- Red (4%)
- Yellow (33%)
- Blue (62%)



- Cyan (93%)
- Magenta (0%)
- Yellow (2%)
- Black (38%)



- Cyan (96%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0277, 26.5182, 34.7402 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 18.0277, 26.5182, 34.7402 by changing the saturation by 10% instead.

■ 18.0277, 26.5182,
34.7402

■ 18.0277, 26.5182,
34.7402

■ 234.0697,
285.3167, 338.2895

■ 11.0697, 17.2117,
23.1809

■ 39.6142, 54.1098,
68.2301

■ 6.1814, 10.3856,
14.5206

■ 54.9735, 73.1636,
90.9977

■ 2.9974, 5.6553,
8.3407

■ 73.8638, 96.2354,
118.3386

■ 1.1524, 2.6367,
4.2229

■ 96.6506, 123.7095,
150.6711

■ 0.0683, 0.9451,
1.7484

■ 123.6993,
155.9702, 188.4140

■ 0.0000, 0.0000,
0.3936

■ 155.3751,

■ 0.0000, 0.0000,

193.4021, 231.9856

0.0000

192.0434,
236.3895, 281.8046

■ 18.0277, 26.5182,
34.7402

■ 18.0277, 26.5182,
34.7402

■ 17.8714, 26.4404,
34.6351

■ 18.3618, 26.6879,
34.8970

■ 18.9163, 26.9706,
35.0639

■ 19.7232, 27.3835,
35.2429

■ 20.8087, 27.9399,
35.4354

■ 22.1957, 28.6518,
35.6424

■ 23.9047, 29.5297,
35.8648

■ 25.9545, 30.5833,
36.1035

■ 28.3625, 31.8214,
36.3594

■ 31.1446, 33.2525,
36.6332

Harmonies

Analogous

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



18.1150, 26.5182, 22.7011



18.0277, 26.5182, 34.7402



19.7026, 26.5182, 48.3134

Triad

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



18.0277, 26.5182, 34.7402



31.3010, 26.5182, 49.5254



27.6075, 26.5182, 11.6704

Complementary

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



18.0277, 26.5182, 34.7402



14.1044, 7.4399, 1.1089

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.



31.6463, 26.5182, 15.5048



18.0277, 26.5182, 34.7402



33.9381, 26.5182, 36.0748

Square

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



18.0277, 26.5182, 34.7402



27.1776, 26.5182, 58.3430



34.0712, 26.5182, 23.7081



23.3298, 26.5182, 11.5006

Rectangle

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



18.0277, 26.5182, 34.7402



21.7157, 26.5182, 55.4914



34.0712, 26.5182, 23.7081



29.0488, 26.5182, 12.5108

Sweetspot

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



18.0285, 26.5192, 34.7408



44.3627, 53.6812, 64.4144



12.3297, 24.2481, 4.3478



9.4512, 11.6526, 14.1368



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.



18.0285, 26.5192, 34.7408



31.9955, 47.3468, 61.9772



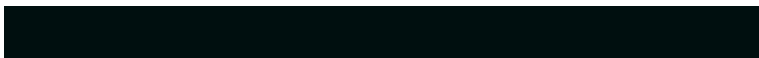
9.7865, 9.6301, 33.2424



6.8160, 7.5071, 8.4655



14.5161, 21.4744, 28.1383



0.2612, 0.3846, 0.5119

Inverse Universe

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



14.1044, 7.4399, 1.1089



24.9248, 12.8466, 1.2864



16.7721, 12.8055, 1.9050



6.6383, 6.6482, 6.9465



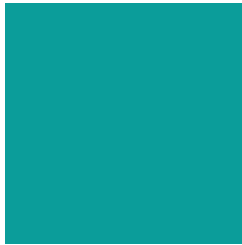
11.3092, 5.8282, 0.6132



0.2036, 0.1048, 0.0185

Previews

White Background



This preview shows how the XYZ color 18.0277, 26.5182, 34.7402 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 18.0277, 26.5182, 34.7402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

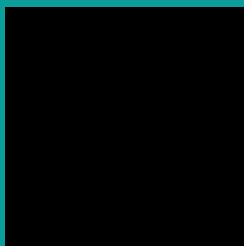
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

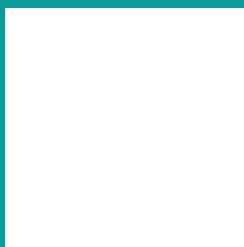
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0277, 26.5182, 34.7402

Background



This preview shows how black text looks on a background with the XYZ color 18.0277, 26.5182, 34.7402.

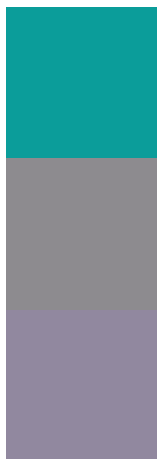


This preview shows how white text looks on a background with the XYZ color 18.0277, 26.5182,

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

18.0277, 26.5182, 34.7402

Protanopia

25.1750, 26.1111, 29.6997

Deuteranopia

26.7392, 26.1313, 36.4354



Tritanopia

19.4164, 26.5932, 41.1554

Trichromacy



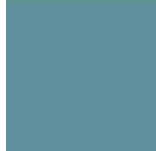
Original Color

18.0277, 26.5182, 34.7402



Protanomaly

20.1614, 25.0440, 31.3751



Deuteranomaly

20.8829, 24.8676, 35.5976



Tritanomaly

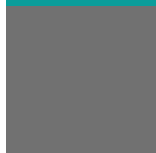
18.9002, 26.6280, 38.7939

Monochromacy



Original Color

18.0277, 26.5182, 34.7402



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

14.7270, 18.7955, 23.2738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0277, 26.5182, 34.7402 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(11, 157, 154)` looks like.

```
.text, #text, p{  
    color:rgb(11, 157, 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(11, 157, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 157, 154) }
```

Border

The CSS property to change the border of an element to XYZ 18.0277, 26.5182, 34.7402 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(11, 157, 154) }
```


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

```
.border{ border-color:rgb(11, 157, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 157, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 157, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 157, 154);  
box-shadow:4px 4px 4px 4px rgb(11, 157,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0277, 26.5182, 34.7402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 157, 154) }
```

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

```
.background{ background-color: rgb(11, 157,  
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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