

Converting Colors

XYZ(18.1003, 26.1796, 35.3420)

Have a look what the booklet for
XYZ(18.1003, 26.1796, 35.3420)
contains.

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Color

**XYZ(18.2201, 26.3478,
35.5778)**

Conversions

Conversions Part 1

Format	Color
Hex	169C9C
RGB	22, 156, 156
RGB Percent	9%, 61%, 61%
CMY	0.9137, 0.3882, 0.3882
CMYK	0.86, 0.00, 0.00, 0.39
HSL	180°, 75%, 35%
HSV	180°, 86%, 61%
XYZ	18.2201, 26.3478, 35.5778
YIQ	115.9340, -79.8640, -28.4080

Conversions

Conversions Part 2

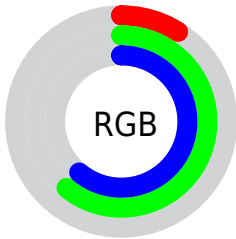
Format	Color
R_{YB}	22, 89, 156
Decimal	1481884
CIE _{Lab}	58.37, -32.24, -9.54
CIE _{LCh}	58, 33.625, 196.477
Yxy	26.3478, 0.2273, 0.3287
Android (android.graphics.Color)	4279671964 (0xFF169C9C)
YUV	115.9340, 19.7525, -82.3801
Hunter-Lab	51.3301, -26.4675, -5.1639

Details

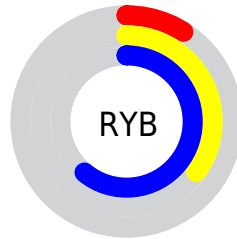
The XYZ color **18.2201, 26.3478, 35.5778** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.1429, 7.7005, 1.5008**, and the grayscale version is **16.5409, 17.4023, 18.9511**.

A 20% lighter version of the original color is **39.8569, 53.7831, 69.2533**, and **7.5001, 10.9206, 15.0772** is the 20% darker color. If you saturate the color by 10%, you get **17.9700, 26.2194, 35.5666**, and if you desaturate by 10%, it is **18.6749, 26.5828, 35.5997**.

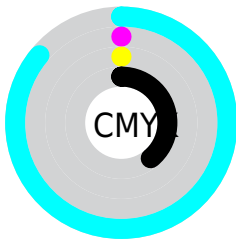
Distribution



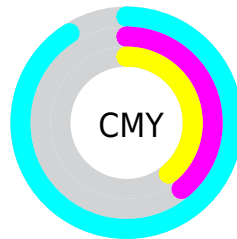
- Red (9%)
- Green (61%)
- Blue (61%)



- Red (9%)
- Yellow (35%)
- Blue (61%)



- Cyan (86%)
- Magenta (0%)
- Yellow (0%)
- Black (39%)



- Cyan (91%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2201, 26.3478, 35.5778 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 18.2201, 26.3478, 35.5778 by changing the saturation by 10% instead.

■ 18.2201, 26.3478,
35.5778

■ 18.2201, 26.3478,
35.5778

■ 235.1304,
284.4853, 342.0928

■ 11.2088, 17.0840,
23.8212

■ 39.9392, 53.8355,
69.5416

■ 6.2758, 10.2944,
14.9901

■ 55.3776, 72.8282,
92.5859

■ 3.0557, 5.5946,
8.6659

■ 74.3558, 95.8327,
120.2298

■ 1.1833, 2.6002,
4.4301

■ 97.2391, 123.2333,
152.8919

■ 0.0931, 0.9268,
1.8641

■ 124.3928,
155.4145, 190.9907

■ 0.0000, 0.0000,
0.4698

■ 156.1824,

■ 0.0000, 0.0000,

192.7606, 234.9448

0.0000

192.9731,
235.6561, 285.1726

■ 18.2201, 26.3478,
35.5778

■ 18.2201, 26.3478,
35.5778

■ 17.9700, 26.2194,
35.5666

■ 18.6749, 26.5828,
35.5997

■ 17.8897, 26.1780,
35.5628

■ 19.3693, 26.9408,
35.6323

■ 20.3309, 27.4365,
35.6774

■ 21.5832, 28.0821,
35.7360

■ 23.1471, 28.8883,
35.8093

■ 25.0413, 29.8648,
35.8980

■ 27.2835, 31.0207,
36.0030

■ 29.8896, 32.3642,
36.1250

■ 32.8750, 33.9032,
36.2648

Harmonies

Analogous

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



18.1352, 26.3478, 23.7273



18.2201, 26.3478, 35.5778



19.9981, 26.3478, 48.3635

Triad

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



18.2201, 26.3478, 35.5778



31.2030, 26.3478, 47.2078



26.9313, 26.3478, 11.8633

Complementary

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



18.2201, 26.3478, 35.5778



14.1429, 7.7005, 1.5008

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.



30.8716, 26.3478, 15.2372



18.2201, 26.3478, 35.5778



33.5134, 26.3478, 34.2966

Square

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



18.2201, 26.3478, 35.5778



27.3452, 26.3478, 56.2316



33.3859, 26.3478, 22.7511



22.8734, 26.3478, 12.0312

Rectangle

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



18.2201, 26.3478, 35.5778



22.0271, 26.3478, 54.7585



33.3859, 26.3478, 22.7511



28.3219, 26.3478, 12.5707

Sweetspot

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



18.2209, 26.3488, 35.5784



45.2470, 54.1208, 65.1880



12.4164, 24.0329, 4.7442



9.7029, 11.7783, 14.3323



74.8435, 78.7412, 85.7492



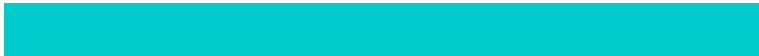
12.6291, 13.2868, 14.4694

Same Dimension

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



18.2209, 26.3488, 35.5784



32.4917, 47.5453, 64.5902



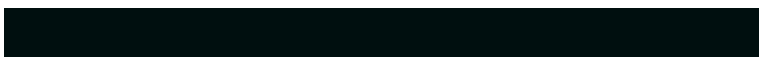
10.0939, 10.0947, 32.8700



6.8219, 7.5095, 8.4966



14.7351, 21.5620, 29.2920



0.2635, 0.3855, 0.5238

Inverse Universe

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



14.1429, 7.7005, 1.5008



24.9018, 12.8374, 1.1654



17.2458, 13.9062, 2.5350



6.6331, 6.6462, 6.9189



11.2931, 5.8218, 0.5285



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 18.2201, 26.3478, 35.5778 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 18.2201, 26.3478, 35.5778 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

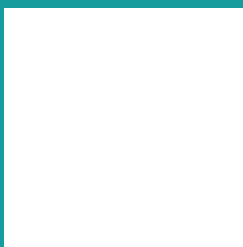
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2201, 26.3478, 35.5778

Background



This preview shows how black text looks on a background with the XYZ color 18.2201, 26.3478, 35.5778.

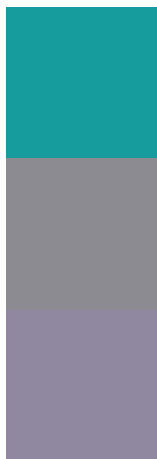


This preview shows how white text looks on a background with the XYZ color 18.2201, 26.3478,

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

18.2201, 26.3478, 35.5778

Protanopia

25.1587, 26.0850, 30.4970

Deuteranopia

26.4770, 25.9860, 36.8780



Tritanopia

19.2238, 26.2585, 40.6144

Trichromacy



Original Color

18.2201, 26.3478, 35.5778

Protanomaly

20.4800, 24.9621, 32.1725

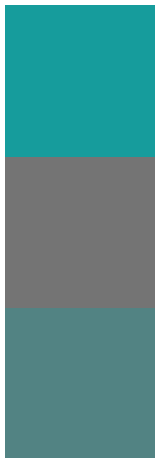
Deuteranomaly

21.2261, 24.8008, 36.4692

Tritanomaly

18.8676, 26.3631, 38.7445

Monochromacy



Original Color

18.2201, 26.3478, 35.5778

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.6927, 19.6651, 24.4414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2201, 26.3478, 35.5778 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(22, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(22, 156, 156)  
}
```

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(22, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 156, 156) }
```

Border

The CSS property to change the border of an element to XYZ 18.2201, 26.3478, 35.5778 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(22, 156, 156) }
```


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

```
.border{ border-color:rgb(22, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(22, 156,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2201, 26.3478, 35.5778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 156, 156) }
```

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

```
.background{ background-color: rgb(22, 156,  
156) }
```

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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