

Converting Colors

XYZ(19.6958, 26.6484, 45.1799)

Have a look what the booklet for
XYZ(19.6958, 26.6484, 45.1799)
contains.

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Color

**XYZ(19.6958, 26.6484,
45.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	0B9BB0
RGB	11, 155, 176
RGB Percent	4%, 61%, 69%
CMY	0.9567, 0.3921, 0.3098
CMYK	0.94, 0.12, 0.00, 0.31
HSL	188°, 88%, 37%
HSV	188°, 94%, 69%
XYZ	19.6958, 26.6484, 45.1799
YIQ	114.3380, -92.5650, -23.9970

Conversions

Conversions Part 2

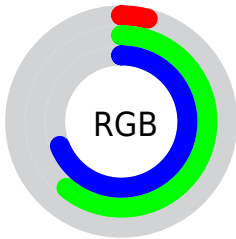
Format	Color
R_{YB}	11, 88, 176
Decimal	760752
CIE _{Lab}	58.65, -25.88, -20.47
CIE _{LCh}	59, 32.995, 218.347
Yxy	26.6484, 0.2152, 0.2912
Android (android.graphics.Color)	4278950832 (0xFF0B9BB0)
YUV	114.3380, 30.3994, -90.6274
Hunter-Lab	51.6221, -22.2341, -15.7554

Details

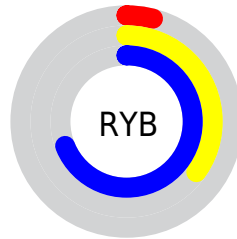
The XYZ color **19.6958, 26.6484, 45.1799** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.4826, 10.2890, 1.3293**, and the grayscale version is **16.0300, 16.8648, 18.3658**.

A 20% lighter version of the original color is **42.5418, 54.4608, 84.6137**, and **8.4254, 11.1306, 20.4432** is the 20% darker color. If you saturate the color by 10%, you get **19.3260, 26.1134, 45.0966**, and if you desaturate by 10%, it is **20.4309, 27.5865, 45.3227**.

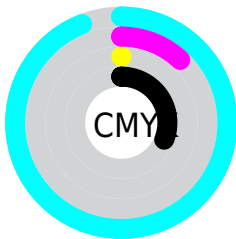
Distribution



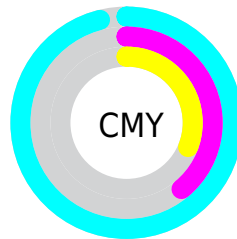
- Red (4%)
- Green (61%)
- Blue (69%)



- Red (4%)
- Yellow (35%)
- Blue (69%)



- Cyan (94%)
- Magenta (12%)
- Yellow (0%)
- Black (31%)



- Cyan (96%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6958, 26.6484, 45.1799 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 19.6958, 26.6484, 45.1799 by changing the saturation by 10% instead.

■ 19.6958, 26.6484,
45.1799

■ 19.6958, 26.6484,
45.1799

■ 243.1286,
285.9507, 383.6830

■ 12.2811, 17.3093,
31.2552

■ 42.4144, 54.3191,
84.3116

■ 7.0090, 10.4553,
20.5331

■ 58.4491, 73.4196,
110.3557

■ 3.5141, 5.7019,
12.5953

■ 78.0877, 96.5427,
141.2766

■ 1.4311, 2.6647,
7.0230

■ 101.6957,
124.0727, 177.4929

■ 0.2782, 0.9593,
3.3978

■ 129.6384,
156.3942, 219.4232

■ 0.0000, 0.0000,
1.3012

■ 162.2813,

■ 0.0000, 0.0000,

193.8914, 267.4859

0.0628

199.9895,
236.9487, 322.0997

■ 0.0000, 0.0000,
0.0000

■ 19.6958, 26.6484,
45.1799

■ 19.6958, 26.6484,
45.1799

■ 19.3260, 26.1134,
45.0966

■ 20.4309, 27.5865,
45.3227

■ 21.4550, 28.6834,
45.4805

■ 22.8114, 29.9621,
45.6558

■ 24.5357, 31.4408,
45.8503

■ 26.6587, 33.1354,
46.0656

■ 29.2078, 35.0604,
46.3028

■ 32.2081, 37.2285,
46.5631

■ 35.6827, 39.6518,
46.8477

■ 39.6532, 42.3414,
47.1576

Harmonies

Analogous

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



18.3748, 26.6484, 32.3774



19.6958, 26.6484, 45.1799



22.5608, 26.6484, 55.0914

Triad

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



19.6958, 26.6484, 45.1799



33.2829, 26.6484, 38.0530



24.2140, 26.6484, 12.0631

Complementary

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



19.6958, 26.6484, 45.1799



18.4826, 10.2890, 1.3293

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.



28.3137, 26.6484, 12.8240



19.6958, 26.6484, 45.1799



33.8466, 26.6484, 25.8949

Square

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



19.6958, 26.6484, 45.1799



30.4770, 26.6484, 50.2716



31.9441, 26.6484, 17.2557



20.7952, 26.6484, 14.7971

Rectangle

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



19.6958, 26.6484, 45.1799



25.1045, 26.6484, 57.5266



31.9441, 26.6484, 17.2557



25.5539, 26.6484, 11.9370

Sweetspot

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



19.6967, 26.6494, 45.1806



55.7210, 65.5925, 84.2191



15.9018, 31.2176, 6.4343



11.5923, 13.8630, 18.2092



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.6967, 26.6494, 45.1806



34.9337, 47.1269, 81.7505



10.4417, 8.1395, 42.0956



8.6486, 9.4433, 10.8732



14.2093, 19.2191, 33.0977



0.4727, 0.6559, 1.0499

Inverse Universe

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



23.9413, 11.8369, 32.0342



42.9318, 20.9240, 56.5958



23.8439, 21.0116, 3.1164



8.8026, 8.6277, 10.4587



17.4069, 8.4803, 23.1003



0.5606, 0.2720, 0.7949

Previews

White Background



This preview shows how the XYZ color 19.6958, 26.6484, 45.1799 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 19.6958, 26.6484, 45.1799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

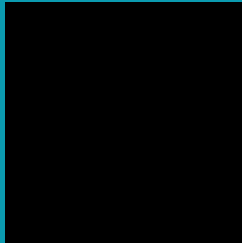
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6958, 26.6484, 45.1799

Background



This preview shows how black text looks on a background with the XYZ color 19.6958, 26.6484, 45.1799.

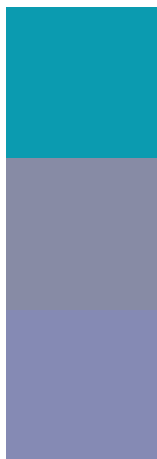


This preview shows how white text looks on a background with the XYZ color 19.6958, 26.6484,

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

19.6958, 26.6484, 45.1799

Protanopia

26.0158, 26.3327, 39.3089

Deuteranopia

26.9996, 26.4588, 46.8640



Tritanopia

18.9564, 26.6041, 41.1818

Trichromacy



Original Color

19.6958, 26.6484, 45.1799

Protanomaly

21.5033, 25.2890, 41.2840

Deuteranomaly

22.2298, 25.3250, 46.3644

Tritanomaly

19.2892, 26.7430, 42.6733

Monochromacy



Original Color

19.6958, 26.6484, 45.1799

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4262, 19.0844, 26.5375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6958, 26.6484, 45.1799 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, 155, 176)` looks like.

```
.text, #text, p{  
    color:rgb(11, 155, 176)  
}
```

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, 155, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 155, 176) }
```

Border

The CSS property to change the border of an element to XYZ 19.6958, 26.6484, 45.1799 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, 155, 176) }
```


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

```
.border{ border-color:rgb(11, 155, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 155, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 155, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 155, 176);  
box-shadow:4px 4px 4px 4px rgb(11, 155,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6958, 26.6484, 45.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 155, 176) }
```

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

```
.background{ background-color: rgb(11, 155,  
176) }
```

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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