

Converting Colors

XYZ(19.2314, 26.1228, 43.5643)

Have a look what the booklet for
XYZ(19.2314, 26.1228, 43.5643)
contains.

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Color

**XYZ(19.2795, 26.2217,
43.5803)**

Conversions

Conversions Part 1

Format	Color
Hex	0E9AAD
RGB	14, 154, 173
RGB Percent	5%, 60%, 68%
CMY	0.9450, 0.3961, 0.3216
CMYK	0.92, 0.11, 0.00, 0.32
HSL	187°, 85%, 37%
HSV	187°, 92%, 68%
XYZ	19.2795, 26.2217, 43.5803
YIQ	114.3060, -89.5390, -23.7710

Conversions

Conversions Part 2

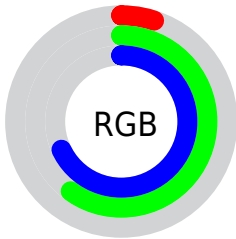
Format	Color
RYB	14, 88, 173
Decimal	957101
CIELab	58.25, -26.25, -19.38
CIELCh	58, 32.629, 216.438
Yxy	26.2217, 0.2164, 0.2944
Android (android.graphics.Color)	4279147181 (0xFF0E9AAD)
YUV	114.3060, 28.9361, -87.9684
Hunter-Lab	51.2071, -22.4072, -14.6143

Details

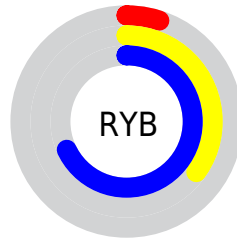
The XYZ color **19.2795, 26.2217, 43.5803** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.8577, 10.0050, 1.4062**, and the grayscale version is **16.0235, 16.8580, 18.3583**.

A 20% lighter version of the original color is **41.7338, 53.7438, 81.5728**, and **8.2026, 10.8832, 19.7575** is the 20% darker color. If you saturate the color by 10%, you get **18.8242, 25.5797, 43.4809**, and if you desaturate by 10%, it is **20.0179, 27.1138, 43.7141**.

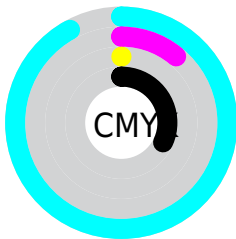
Distribution



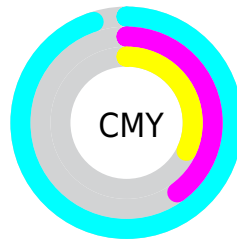
- Red (5%)
- Green (60%)
- Blue (68%)



- Red (5%)
- Yellow (35%)
- Blue (68%)



- Cyan (92%)
- Magenta (11%)
- Yellow (0%)
- Black (32%)



- Cyan (95%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2795, 26.2217, 43.5803 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 19.2795, 26.2217, 43.5803 by changing the saturation by 10% instead.

■ 19.2795, 26.2217,
43.5803

■ 19.2795, 26.2217,
43.5803

■ 240.8960,
283.8687, 376.9839

■ 11.9776, 16.9896,
30.0059

■ 41.7191, 53.6324,
81.8816

■ 6.8005, 10.2271,
19.5910

■ 57.5875, 72.5797,
107.4455

■ 3.3829, 5.5498,
11.9170

■ 77.0421, 95.5343,
137.8431

■ 1.3593, 2.5733,
6.5653

■ 100.4483,
122.8804, 173.4928

■ 0.2270, 0.9133,
3.1175

■ 128.1715,
155.0025, 214.8132

■ 0.0000, 0.0000,
1.1549

■ 160.5769,

■ 0.0000, 0.0000,

192.2850, 262.2228

0.0000

198.0300,
235.1123, 316.1402

■ 19.2795, 26.2217,
43.5803

■ 19.2795, 26.2217,
43.5803

■ 18.8242, 25.5797,
43.4809

■ 20.0179, 27.1138,
43.7141

■ 21.0417, 28.1613,
43.8623

■ 22.3908, 29.3854,
44.0275

■ 24.0983, 30.8030,
44.2111

■ 26.1929, 32.4290,
44.4146

■ 28.7005, 34.2770,
44.6391

■ 31.6449, 36.3591,
44.8858

■ 35.0478, 38.6866,
45.1557

■ 38.9296, 41.2700,
45.4497

Harmonies

Analogous

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



18.0895, 26.2217, 31.0697



19.2795, 26.2217, 43.5803



21.9982, 26.2217, 53.6022

Triad

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



19.2795, 26.2217, 43.5803



32.5838, 26.2217, 38.1973



24.0779, 26.2217, 11.8876

Complementary

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



19.2795, 26.2217, 43.5803



17.8577, 10.0050, 1.4062

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.



28.0960, 26.2217, 12.8506



19.2795, 26.2217, 43.5803



33.2912, 26.2217, 26.1722

Square

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



19.2795, 26.2217, 43.5803



29.7304, 26.2217, 49.9623



31.5724, 26.2217, 17.4479



20.6638, 26.2217, 14.3427

Rectangle

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



19.2795, 26.2217, 43.5803



24.4524, 26.2217, 56.3538



31.5724, 26.2217, 17.4479



25.3995, 26.2217, 11.8345

Sweetspot

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



19.2803, 26.2226, 43.5809



53.1064, 62.6094, 80.0916



15.3937, 30.0885, 6.4038



11.0886, 13.2818, 17.3669



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



19.2803, 26.2226, 43.5809



33.6078, 45.6013, 77.8364



10.2381, 8.1381, 40.5668



8.1534, 8.9062, 10.2420



13.8565, 18.8469, 31.9520



0.4080, 0.5693, 0.8964

Inverse Universe

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



23.2241, 11.5322, 31.5747



41.0096, 19.9693, 54.8672



23.1139, 20.5176, 3.1583



8.2952, 8.1313, 9.8656



16.8578, 8.2057, 22.6943



0.4803, 0.2328, 0.6912

Previews

White Background



This preview shows how the XYZ color 19.2795, 26.2217, 43.5803 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 19.2795, 26.2217, 43.5803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

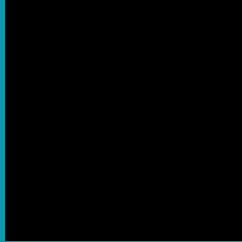
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2795, 26.2217, 43.5803

Background



This preview shows how black text looks on a background with the XYZ color 19.2795, 26.2217, 43.5803.

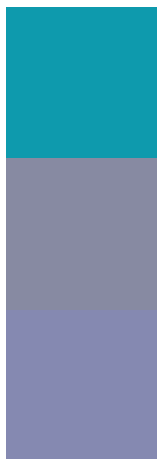


This preview shows how white text looks on a background with the XYZ color 19.2795, 26.2217,

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

19.2795, 26.2217, 43.5803

Protanopia

25.6017, 25.9365, 37.8393

Deuteranopia

26.5543, 26.0522, 45.2240



Tritanopia

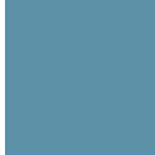
18.6964, 26.2327, 40.6372

Trichromacy



Original Color

19.2795, 26.2217, 43.5803



Protanomaly

21.1706, 24.9238, 39.7714



Deuteranomaly

21.8754, 24.9532, 44.7378



Tritanomaly

18.9454, 26.3395, 41.6216

Monochromacy



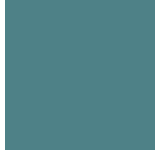
Original Color

19.2795, 26.2217, 43.5803



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

15.3653, 19.0695, 25.7926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2795, 26.2217, 43.5803 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(14, 154, 173)` looks like.

```
.text, #text, p{  
    color:rgb(14, 154, 173)  
}
```

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(14, 154, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 154, 173) }
```

Border

The CSS property to change the border of an element to XYZ 19.2795, 26.2217, 43.5803 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(14, 154, 173) }
```


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

```
.border{ border-color:rgb(14, 154, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 154, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 154, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 154, 173);  
box-shadow:4px 4px 4px 4px rgb(14, 154,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2795, 26.2217, 43.5803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 154, 173) }
```

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

```
.background{ background-color: rgb(14, 154,  
173) }
```

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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