

Converting Colors

XYZ(19.0103, 26.6745, 40.2255)

Have a look what the booklet for
XYZ(19.0103, 26.6745, 40.2255)
contains.

XYZ(19.0026, 26.6493, 40.2187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.0026, 26.6493,
40.2187)**

Conversions

Conversions Part 1

Format	Color
Hex	119CA6
RGB	17, 156, 166
RGB Percent	7%, 61%, 65%
CMY	0.9332, 0.3882, 0.3490
CMYK	0.90, 0.06, 0.00, 0.35
HSL	184°, 81%, 36%
HSV	184°, 90%, 65%
XYZ	19.0026, 26.6493, 40.2187
YIQ	115.5790, -86.0540, -26.3580

Conversions

Conversions Part 2

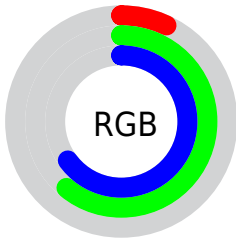
Format	Color
R_{YB}	17, 89, 166
Decimal	1154214
CIE _{Lab}	58.65, -29.39, -14.80
CIE _{LCh}	59, 32.907, 206.720
Yxy	26.6493, 0.2213, 0.3103
Android (android.graphics.Color)	4279344294 (0xFF119CA6)
YUV	115.5790, 24.8576, -86.4538
Hunter-Lab	51.6230, -24.6337, -10.0559

Details

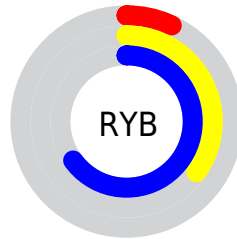
The XYZ color **19.0026, 26.6493, 40.2187** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.2199, 8.9325, 1.4005**, and the grayscale version is **16.4194, 17.2745, 18.8119**.

A 20% lighter version of the original color is **41.2752, 54.3504, 76.7219**, and **7.9876, 11.1155, 17.6441** is the 20% darker color. If you saturate the color by 10%, you get **18.5910, 26.1614, 40.1467**, and if you desaturate by 10%, it is **19.6070, 27.2402, 40.3014**.

Distribution



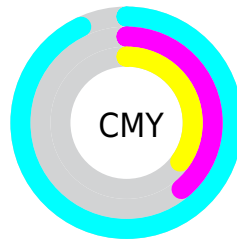
- Red (7%)
- Green (61%)
- Blue (65%)



- Red (7%)
- Yellow (35%)
- Blue (65%)



- Cyan (90%)
- Magenta (6%)
- Yellow (0%)
- Black (35%)



- Cyan (93%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0026, 26.6493, 40.2187 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 19.0026, 26.6493, 40.2187 by changing the saturation by 10% instead.

■ 19.0026, 26.6493,
40.2187

■ 19.0026, 26.6493,
40.2187

■ 239.4009,
285.9551, 362.6240

■ 11.7762, 17.3100,
27.3940

■ 41.2553, 54.3206,
76.7372

■ 6.6626, 10.4558,
17.6343

■ 57.0123, 73.4214,
101.2680

■ 3.2964, 5.7022,
10.5210

■ 76.3436, 96.5448,
130.5380

■ 1.3124, 2.6648,
5.6357

■ 99.6145, 124.0752,
164.9657

■ 0.1925, 0.9594,
2.5597

■ 127.1903,
156.3971, 204.9696

■ 0.0000, 0.0000,
0.8715

■ 159.4364,

■ 0.0000, 0.0000,

193.8947, 250.9682

0.0000

196.7182,
236.9526, 303.3802

■ 19.0026, 26.6493,
40.2187

■ 19.0026, 26.6493,
40.2187

■ 18.5910, 26.1614,
40.1467

■ 19.6070, 27.2402,
40.3014

■ 18.5811, 26.1493,
40.1449

■ 20.4756, 27.9694,
40.3964

■ 21.6431, 28.8552,
40.5058

■ 23.1382, 29.9124,
40.6311

■ 24.9862, 31.1542,
40.7734

■ 27.2102, 32.5924,
40.9337

■ 29.8309, 34.2377,
41.1132

■ 32.8679, 36.1001,
41.3126

■ 36.3392, 38.1891,
41.5329

Harmonies

Analogous

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



18.3359, 26.6493, 27.7618



19.0026, 26.6493, 40.2187



21.2998, 26.6493, 51.8840

Triad

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



19.0026, 26.6493, 40.2187



32.3977, 26.6493, 43.0231



25.7766, 26.6493, 11.9855

Complementary

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



19.0026, 26.6493, 40.2187



16.2199, 8.9325, 1.4005

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.



29.8376, 26.6493, 14.1035



19.0026, 26.6493, 40.2187



33.9073, 26.6493, 30.3085

Square

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



19.0026, 26.6493, 40.2187



28.9869, 26.6493, 53.7825



32.9244, 26.6493, 20.1154



21.9932, 26.6493, 13.3310

Rectangle

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



19.0026, 26.6493, 40.2187



23.5858, 26.6493, 56.5159



32.9244, 26.6493, 20.1154



27.1568, 26.6493, 12.2980

Sweetspot

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



19.0034, 26.6503, 40.2193



50.3868, 59.7881, 74.3599



14.0653, 27.4711, 5.5952



10.9515, 13.1735, 16.6177



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.0034, 26.6503, 40.2193



33.6600, 47.3330, 72.8374



10.1003, 8.8439, 37.2516



7.7038, 8.4446, 9.6423



14.4221, 20.3043, 31.1345



0.3633, 0.5187, 0.7616

Inverse Universe

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



21.9278, 10.9091, 32.4034



39.2257, 18.9873, 57.6005



20.5243, 17.5413, 2.8353



7.8198, 7.6578, 9.3685



16.7802, 8.1208, 24.7178



0.4145, 0.2001, 0.6342

Previews

White Background



This preview shows how the XYZ color 19.0026, 26.6493, 40.2187 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 19.0026, 26.6493, 40.2187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

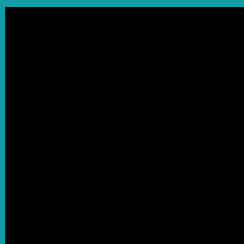
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

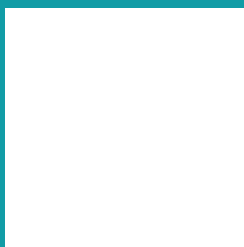
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0026, 26.6493, 40.2187

Background



This preview shows how black text looks on a background with the XYZ color 19.0026, 26.6493, 40.2187.

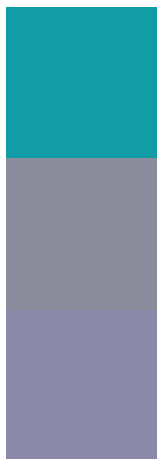


This preview shows how white text looks on a background with the XYZ color 19.0026, 26.6493,

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

19.0026, 26.6493, 40.2187

Protanopia

25.6302, 26.2351, 34.7234

Deuteranopia

26.8488, 26.2826, 41.6882



Tritanopia

19.2656, 26.7635, 41.1963

Trichromacy



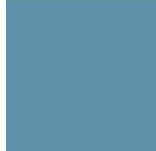
Original Color

19.0026, 26.6493, 40.2187



Protanomaly

20.9995, 25.1337, 36.5454



Deuteranomaly

21.8540, 25.2440, 41.2569



Tritanomaly

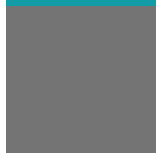
19.1520, 26.7157, 40.7064

Monochromacy



Original Color

19.0026, 26.6493, 40.2187



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

15.7276, 19.6593, 25.5199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0026, 26.6493, 40.2187 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(17, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(17, 156, 166)  
}
```

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(17, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 156, 166) }
```

Border

The CSS property to change the border of an element to XYZ 19.0026, 26.6493, 40.2187 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(17, 156, 166) }
```


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

```
.border{ border-color:rgb(17, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(17, 156,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0026, 26.6493, 40.2187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 156, 166) }
```

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

```
.background{ background-color: rgb(17, 156,  
166) }
```

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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