

Converting Colors

XYZ(18.5076, 26.7081, 26.0095)

Have a look what the booklet for
XYZ(18.5076, 26.7081, 26.0095)
contains.

XYZ(18.5076, 26.7081, 26.0095)	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(18.5076, 26.7081,
26.0095)**

Conversions

Conversions Part 1

Format	Color
Hex	459C84
RGB	69, 156, 132
RGB Percent	27%, 61%, 52%
CMY	0.7294, 0.3882, 0.4823
CMYK	0.56, 0.00, 0.15, 0.39
HSL	163°, 39%, 44%
HSV	163°, 56%, 61%
XYZ	18.5076, 26.7081, 26.0095
YIQ	127.2510, -44.1480, -25.9080

Conversions

Conversions Part 2

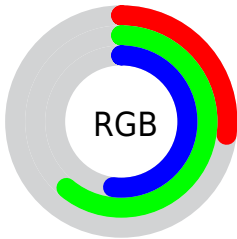
Format	Color
RYB	69, 119, 156
Decimal	4562052
CIELab	58.70, -32.19, 4.70
CIElCh	59, 32.532, 171.687
Yxy	26.7081, 0.2598, 0.3750
Android (android.graphics.Color)	4282752132 (0xFF459C84)
YUV	127.2510, 2.3413, -51.0861
Hunter-Lab	51.6799, -26.5154, 6.3364

Details

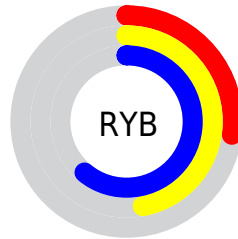
The XYZ color **18.5076, 26.7081, 26.0095** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.8152, 12.1152, 11.7566**, and the grayscale version is **20.2629, 21.3181, 23.2154**.

A 20% lighter version of the original color is **40.3634, 54.3764, 54.2673**, and **6.5116, 10.5252, 9.8720** is the 20% darker color. If you saturate the color by 10%, you get **17.2548, 26.0963, 24.4455**, and if you desaturate by 10%, it is **20.0650, 27.4769, 27.6524**.

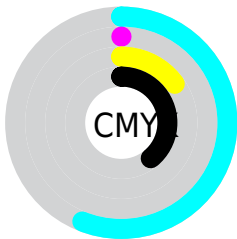
Distribution



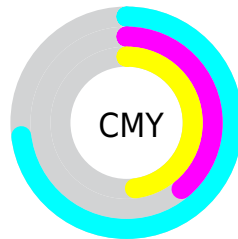
- Red (27%)
- Green (61%)
- Blue (52%)



- Red (27%)
- Yellow (47%)
- Blue (61%)



- Cyan (56%)
- Magenta (0%)
- Yellow (15%)
- Black (39%)



- Cyan (73%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5076, 26.7081, 26.0095 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 18.5076, 26.7081, 26.0095 by changing the saturation by 10% instead.

■ 18.5076, 26.7081,
26.0095

■ 18.5076, 26.7081,
26.0095

236.7074,
286.2410, 296.4357

■ 11.4169, 17.3541,
16.6049

■ 40.4237, 54.4151,
54.2745

■ 6.4173, 10.4873,
9.7942

■ 55.9799, 73.5369,
73.9721

■ 3.1435, 5.7232,
5.1589

■ 75.0886, 96.6835,
97.9377

■ 1.2301, 2.6775,
2.2804

■ 98.1151, 124.2391,
126.5899

■ 0.1299, 0.9658,
0.7202

■ 125.4249,
156.5883, 160.3473

■ 0.0000, 0.0000,
0.0000

157.3834,

194.1154, 199.6283

194.3557,
237.2049, 244.8516

■ 18.5076, 26.7081,
26.0095

■ 18.5076, 26.7081,
26.0095

■ 17.2548, 26.0963,
24.4455

■ 20.0650, 27.4769,
27.6524

■ 16.2808, 25.6261,
22.9566

■ 21.9457, 28.4103,
29.3741

■ 15.5594, 25.2848,
21.5414

■ 24.1695, 29.5191,
31.1767

■ 15.0538, 25.0533,
20.1975

■ 26.7539, 30.8124,
33.0618

■ 14.8676, 24.9693,
19.6483

■ 29.7152, 32.2985,
35.0309

■ 33.0688, 33.9853,
37.0854

■ 36.8291, 35.8803,
39.2266

■ 41.0098, 37.9905,
41.4559

■ 45.6239, 40.3226,
43.7745

Harmonies

Analogous

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



19.8140, 26.7081, 17.4469



18.5076, 26.7081, 26.0095



18.8858, 26.7081, 38.0072

Triad

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



18.5076, 26.7081, 26.0095



28.3360, 26.7081, 54.7384



30.4604, 26.7081, 14.9908

Complementary

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



18.5076, 26.7081, 26.0095



17.8152, 12.1152, 11.7566

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.



33.2271, 26.7081, 21.6740



18.5076, 26.7081, 26.0095



31.9137, 26.7081, 44.9928

Square

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



18.5076, 26.7081, 26.0095



24.2890, 26.7081, 56.7883



33.7851, 26.7081, 32.3844



26.5140, 26.7081, 12.2719

Rectangle

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



18.5076, 26.7081, 26.0095



20.0619, 26.7081, 46.3353



33.7851, 26.7081, 32.3844



31.5757, 26.7081, 16.7495

Sweetspot

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



18.5083, 26.7092, 26.0101



47.8100, 55.5707, 59.5003



17.5438, 26.5690, 9.8344



10.3249, 12.1301, 12.9535



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.



18.5083, 26.7092, 26.0101



30.8394, 47.1543, 43.6935



17.4229, 21.6005, 34.7047



6.7437, 7.4782, 8.0850



12.2610, 20.5723, 16.2632



0.2360, 0.3745, 0.3789

Inverse Universe

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



17.8152, 12.1152, 11.7566



29.4793, 17.9103, 15.2753



18.2628, 14.4533, 7.4580



6.7045, 6.6747, 7.2951



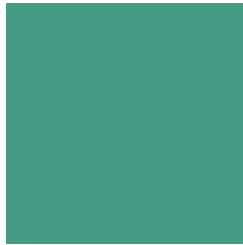
11.6659, 5.9709, 2.4917



0.2250, 0.1133, 0.1312

Previews

White Background



This preview shows how the XYZ color 18.5076, 26.7081, 26.0095 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 18.5076, 26.7081, 26.0095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

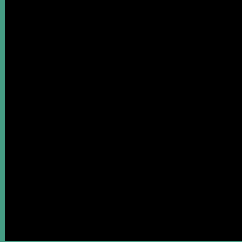
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.5076, 26.7081, 26.0095

Background



This preview shows how black text looks on a background with the XYZ color 18.5076, 26.7081, 26.0095.

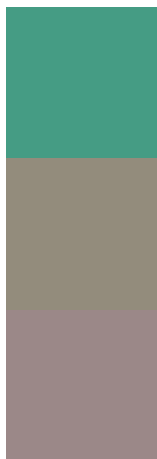


This preview shows how white text looks on a background with the XYZ color 18.5076, 26.7081,

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

18.5076, 26.7081, 26.0095

Protanopia

25.0488, 26.4144, 22.8471

Deuteranopia

26.7657, 26.3545, 26.9688



Tritanopia

21.2373, 26.8423, 39.1837

Trichromacy



Original Color

18.5076, 26.7081, 26.0095

Protanomaly

21.7174, 26.0120, 23.9549

Deuteranomaly

22.5078, 25.6793, 26.6920

Tritanomaly

20.0392, 26.5860, 33.7812

Monochromacy



Original Color

18.5076, 26.7081, 26.0095

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.9948, 22.8261, 24.1736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5076, 26.7081, 26.0095 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(69, 156, 132)` looks like.

```
.text, #text, p{  
    color:rgb(69, 156, 132)  
}
```

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(69, 156, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 156, 132) }
```

Border

The CSS property to change the border of an element to XYZ 18.5076, 26.7081, 26.0095 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(69, 156, 132) }
```


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

```
.border{ border-color:rgb(69, 156, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 156, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(69, 156, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(69, 156, 132); box-shadow:4px 4px 4px 4px rgb(69, 156, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5076, 26.7081, 26.0095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 156, 132) }
```

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

```
.background{ background-color: rgb(69, 156,  
132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor