

Converting Colors

XYZ(19.1277, 26.7643, 26.7137)

Have a look what the booklet for
XYZ(19.1277, 26.7643, 26.7137)
contains.

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Color

**XYZ(19.1663, 26.7836,
26.7138)**

Conversions

Conversions Part 1

Format	Color
Hex	4E9B86
RGB	78, 155, 134
RGB Percent	31%, 61%, 53%
CMY	0.6941, 0.3921, 0.4745
CMYK	0.50, 0.00, 0.14, 0.39
HSL	164°, 33%, 46%
HSV	164°, 50%, 61%
XYZ	19.1663, 26.7836, 26.7138
YIQ	129.5830, -39.1510, -22.8550

Conversions

Conversions Part 2

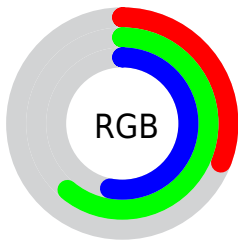
Format	Color
RYB	78, 123, 155
Decimal	5151622
CIELab	58.77, -29.10, 3.71
CIELCh	59, 29.332, 172.724
Yxy	26.7836, 0.2638, 0.3686
Android (android.graphics.Color)	4283341702 (0xFF4E9B86)
YUV	129.5830, 2.1776, -45.2383
Hunter-Lab	51.7529, -24.4614, 5.6227

Details

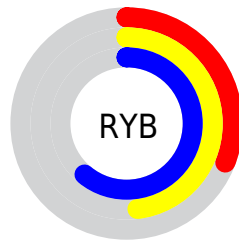
The XYZ color **19.1663, 26.7836, 26.7138** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.4950, 13.3189, 13.4014**, and the grayscale version is **21.0740, 22.1715, 24.1448**.

A 20% lighter version of the original color is **41.5320, 54.5866, 55.3610**, and **6.6999, 10.4692, 10.0551** is the 20% darker color. If you saturate the color by 10%, you get **17.7541, 26.0897, 25.1395**, and if you desaturate by 10%, it is **20.8911, 27.6387, 28.3654**.

Distribution



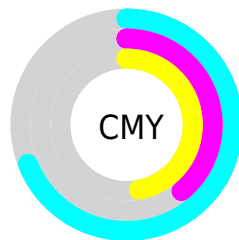
- Red (31%)
- Green (61%)
- Blue (53%)



- Red (31%)
- Yellow (48%)
- Blue (61%)



- Cyan (50%)
- Magenta (0%)
- Yellow (14%)
- Black (39%)



- Cyan (69%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1663, 26.7836, 26.7138 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 19.1663, 26.7836, 26.7138 by changing the saturation by 10% instead.

■ 19.1663, 26.7836,
26.7138

■ 19.1663, 26.7836,
26.7138

240.2858,
286.6078, 299.9849

■ 11.8952, 17.4108,
17.1279

■ 41.5296, 54.5364,
55.4224

■ 6.7441, 10.5278,
10.1628

■ 57.3526, 73.6852,
75.3822

■ 3.3475, 5.7503,
5.4000

■ 76.7569, 96.8614,
99.6369

■ 1.3401, 2.6938,
2.4210

■ 100.1079,
124.4494, 128.6052

■ 0.2129, 0.9741,
0.7978

■ 127.7709,
156.8337, 162.7057

■ 0.0000, 0.0000,
0.0000

160.1113,

194.3986, 202.3567

197.4945,
237.5285, 247.9770

■ 19.1663, 26.7836,
26.7138

■ 19.1663, 26.7836,
26.7138

■ 17.7541, 26.0897,
25.1395

■ 20.8911, 27.6387,
28.3654

■ 16.6308, 25.5426,
23.6390

■ 22.9457, 28.6617,
30.0941

■ 15.7728, 25.1310,
22.2111


■ 25.3486, 29.8630,
31.9021


■ 15.1517, 24.8402,
20.8536


■ 28.1164, 31.2509,
33.7907


■ 14.7010, 24.6360,
19.5627


■ 31.2644, 32.8334,
35.7614

 14.6870, 24.6297,
19.5220

 34.8072, 34.6180,
37.8156

 38.7586, 36.6117,
39.9544

 43.1316, 38.8214,
42.1791

 47.9386, 41.2533,
44.4910

Harmonies

Analogous

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



20.3173, 26.7836, 18.6921



19.1663, 26.7836, 26.7138



19.5693, 26.7836, 37.5477

Triad

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



19.1663, 26.7836, 26.7138



28.2374, 26.7836, 51.6454



29.9028, 26.7836, 16.0181

Complementary

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



19.1663, 26.7836, 26.7138



18.4950, 13.3189, 13.4014

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.



32.4210, 26.7836, 22.1295



19.1663, 26.7836, 26.7138



31.3978, 26.7836, 42.9560

Square

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



19.1663, 26.7836, 26.7138



24.5869, 26.7836, 53.6991



32.9925, 26.7836, 31.7571



26.3474, 26.7836, 13.5388

Rectangle

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



19.1663, 26.7836, 26.7138



20.6849, 26.7836, 44.8598



32.9925, 26.7836, 31.7571



30.9119, 26.7836, 17.6351

Sweetspot

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



19.1671, 26.7847, 26.7144



47.4859, 54.5270, 58.5960



18.3326, 26.6927, 11.3942



10.5327, 12.2339, 13.1136



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.



19.1671, 26.7847, 26.7144



31.4621, 46.5594, 44.6108



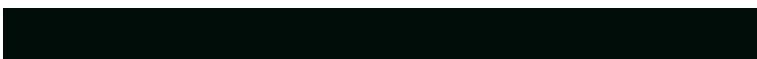
18.1931, 22.2552, 34.3483



6.3127, 6.9978, 7.5698



11.8128, 19.7886, 15.7666



0.1915, 0.3018, 0.3144

Inverse Universe

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



18.4950, 13.3189, 13.4014



30.1314, 19.5072, 17.9619



18.9573, 15.6469, 9.2292



6.2746, 6.2490, 6.8260



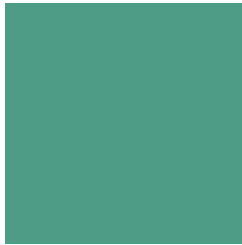
11.2113, 5.7388, 2.3720



0.1814, 0.0913, 0.1079

Previews

White Background



This preview shows how the XYZ color 19.1663, 26.7836, 26.7138 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 19.1663, 26.7836, 26.7138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

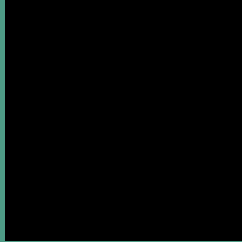
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.1663, 26.7836, 26.7138

Background



This preview shows how black text looks on a background with the XYZ color 19.1663, 26.7836, 26.7138.

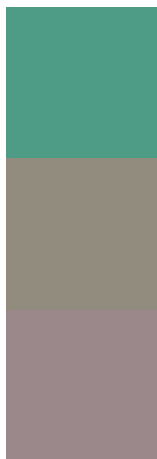


This preview shows how white text looks on a background with the XYZ color 19.1663, 26.7836,

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

19.1663, 26.7836, 26.7138

Protanopia

24.9980, 26.3735, 23.5117

Deuteranopia

26.9092, 26.4119, 27.7245



Tritanopia

21.6079, 26.8038, 38.6851

Trichromacy



Original Color

19.1663, 26.7836, 26.7138

Protanomaly

21.9730, 25.9007, 24.6101

Deuteranomaly

23.0902, 25.9631, 27.4613

Tritanomaly

20.5519, 26.6083, 33.7585

Monochromacy



Original Color

19.1663, 26.7836, 26.7138

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.8849, 23.4834, 24.9574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1663, 26.7836, 26.7138 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(78, 155, 134)` looks like.

```
.text, #text, p{  
    color:rgb(78, 155, 134)  
}
```

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(78, 155, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 155, 134) }
```

Border

The CSS property to change the border of an element to XYZ 19.1663, 26.7836, 26.7138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

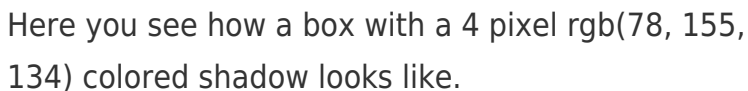
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 155, 134) }
```


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

```
.border{ border-color:rgb(78, 155, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(78, 155, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(78, 155, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(78, 155, 134); box-shadow:4px 4px 4px 4px rgb(78, 155, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1663, 26.7836, 26.7138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 155, 134) }
```

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

```
.background{ background-color: rgb(78, 155,  
134) }
```

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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