

Converting Colors

XYZ(19.0876, 26.3151, 23.8120)

Have a look what the booklet for
XYZ(19.0876, 26.3151, 23.8120)
contains.

XYZ(19.0876, 26.3151, 23.8120)	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(19.0876, 26.3151,
23.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	57997E
RGB	87, 153, 126
RGB Percent	34%, 60%, 49%
CMY	0.6588, 0.4000, 0.5059
CMYK	0.43, 0.00, 0.18, 0.40
HSL	155°, 28%, 47%
HSV	155°, 43%, 60%
XYZ	19.0876, 26.3151, 23.8120
YIQ	130.1880, -30.6690, -22.3890

Conversions

Conversions Part 2

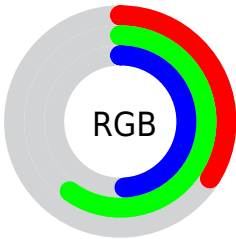
Format	Color
RYB	87, 128, 153
Decimal	5740926
CIELab	58.33, -27.61, 7.67
CIELCh	58, 28.652, 164.479
Yxy	26.3151, 0.2758, 0.3802
Android (android.graphics.Color)	4283931006 (0xFF57997E)
YUV	130.1880, -2.0647, -37.8759
Hunter-Lab	51.2982, -23.3537, 8.3871

Details

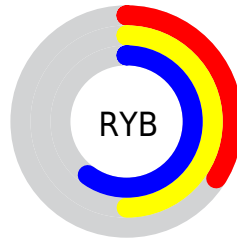
The XYZ color **19.0876, 26.3151, 23.8120** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.5832, 14.8042, 17.7458**, and the grayscale version is **21.3001, 22.4093, 24.4038**.

A 20% lighter version of the original color is **41.5078, 53.9419, 50.8720**, and **6.6529, 10.1833, 8.6361** is the 20% darker color. If you saturate the color by 10%, you get **17.4165, 25.4995, 21.6913**, and if you desaturate by 10%, it is **21.0882, 27.2990, 26.0813**.

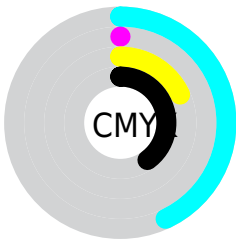
Distribution



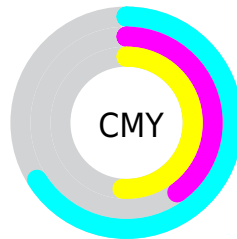
- Red (34%)
- Green (60%)
- Blue (49%)



- Red (34%)
- Yellow (50%)
- Blue (60%)



- Cyan (43%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (66%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0876, 26.3151, 23.8120 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 19.0876, 26.3151, 23.8120 by changing the saturation by 10% instead.

■ 19.0876, 26.3151,
23.8120

■ 19.0876, 26.3151,
23.8120

239.8608,
284.3255, 285.1245

■ 11.8380, 17.0595,
14.9833

■ 41.3978, 53.7828,
50.6632

■ 6.7049, 10.2769,
8.6612

■ 57.1891, 72.7638,
69.5228

■ 3.3229, 5.5830,
4.4271

■ 76.5583, 95.7553,
92.5632

■ 1.3267, 2.5932,
1.8624

■ 99.8708, 123.1418,
120.2027

■ 0.2031, 0.9232,
0.4687

127.4919,
155.3077, 152.8601

■ 0.0000, 0.0000,
0.0000

159.7871,

192.6373, 190.9539

197.1216,
235.5151, 234.9025

■ 19.0876, 26.3151,
23.8120

■ 19.0876, 26.3151,
23.8120

■ 17.4165, 25.4995,
21.6913

■ 21.0882, 27.2990,
26.0813

■ 16.0530, 24.8390,
19.7139

■ 23.4342, 28.4573,
28.5004

■ 14.9758, 24.3232,
17.8771


■ 26.1430, 29.7996,
31.0731

■ 14.1598, 23.9393,
16.1770


■ 29.2302, 31.3339,
33.8023

■ 13.5754, 23.6721,
14.6098


■ 32.7105, 33.0677,
36.6908

 13.2546, 23.5286,
13.6072

 36.5977, 35.0081,
39.7414

 40.9049, 37.1619,
42.9568

 45.6447, 39.5354,
46.3396

 50.8292, 42.1348,
49.8923

Harmonies

Analogous

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



20.5989, 26.3151, 17.0123



19.0876, 26.3151, 23.8120



19.0612, 26.3151, 33.7309

Triad

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



19.0876, 26.3151, 23.8120



26.7271, 26.3151, 51.5769



30.1112, 26.3151, 17.1875

Complementary

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



19.0876, 26.3151, 23.8120



19.5832, 14.8042, 17.7458

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.



32.0872, 26.3151, 24.1116



19.0876, 26.3151, 23.8120



30.0137, 26.3151, 44.6671

Square

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



19.0876, 26.3151, 23.8120



23.2588, 26.3151, 51.4432



32.0499, 26.3151, 34.1086



26.8505, 26.3151, 13.8389

Rectangle

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



19.0876, 26.3151, 23.8120



19.8783, 26.3151, 40.9661



32.0499, 26.3151, 34.1086



30.9606, 26.3151, 19.0928

Sweetspot

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



19.0883, 26.3162, 23.8126



46.7553, 53.3347, 55.5894



20.1170, 27.0828, 13.1843



10.0927, 11.6620, 12.0611



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.0883, 26.3162, 23.8126



31.2195, 45.6793, 38.8853



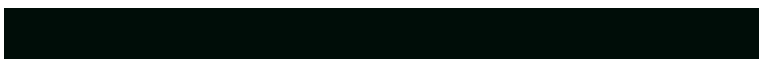
20.1927, 25.3505, 33.9672



6.2776, 6.9837, 7.3850



10.9711, 19.4519, 11.3343



0.1820, 0.2980, 0.2643

Inverse Universe

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



19.5832, 14.8042, 17.7458



32.2334, 22.2269, 26.5545



18.7285, 15.2022, 10.9643



6.3083, 6.2625, 7.0037



11.6054, 5.8964, 4.4468



0.1909, 0.0951, 0.1581

Previews

White Background



This preview shows how the XYZ color 19.0876, 26.3151, 23.8120 looks on a white background.

Color Contrast Check

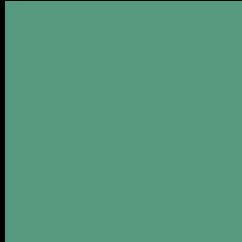
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0876, 26.3151, 23.8120 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 19.0876, 26.3151, 23.8120

Background



This preview shows how black text looks on a background with the XYZ color 19.0876, 26.3151, 23.8120.



This preview shows how white text looks on a background with the XYZ color 19.0876, 26.3151,

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

19.0876, 26.3151, 23.8120

Protanopia

24.5950, 26.0002, 21.1750

Deuteranopia

26.5979, 26.1078, 24.7565



Tritanopia

21.7589, 26.2047, 37.1689

Trichromacy



Original Color

19.0876, 26.3151, 23.8120

Protanomaly

21.9436, 25.7116, 22.2186

Deuteranomaly

23.1512, 25.8365, 24.5356

Tritanomaly

20.7658, 26.2780, 31.9947

Monochromacy



Original Color

19.0876, 26.3151, 23.8120

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.9904, 23.3393, 24.2202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0876, 26.3151, 23.8120 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(87, 153, 126)` looks like.

```
.text, #text, p{  
    color:rgb(87, 153, 126)  
}
```

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(87, 153, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 153, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.0876, 26.3151, 23.8120 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(87, 153, 126) }
```


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

```
.border{ border-color:rgb(87, 153, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 153, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 153, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 153, 126);  
box-shadow:4px 4px 4px 4px rgb(87, 153,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0876, 26.3151, 23.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 153, 126) }
```

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

```
.background{ background-color: rgb(87, 153,  
126) }
```

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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