

Converting Colors

XYZ(19.0743, 26.1985, 19.2765)

Have a look what the booklet for
XYZ(19.0743, 26.1985, 19.2765)
contains.

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Color

**XYZ(19.0826, 26.1677,
19.3743)**

Conversions

Conversions Part 1

Format	Color
Hex	619870
RGB	97, 152, 112
RGB Percent	38%, 60%, 44%
CMY	0.6196, 0.4039, 0.5608
CMYK	0.36, 0.00, 0.26, 0.40
HSL	136°, 22%, 49%
HSV	136°, 36%, 60%
XYZ	19.0826, 26.1677, 19.3743
YIQ	130.9950, -19.9400, -24.1000

Conversions

Conversions Part 2

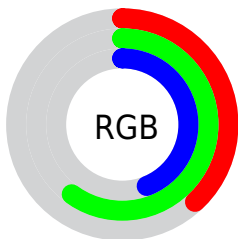
Format	Color
R_{YB}	97, 140, 152
Decimal	6396016
CIE _{Lab}	58.20, -27.03, 15.43
CIE _{LCh}	58, 31.128, 150.279
Yxy	26.1677, 0.2953, 0.4049
Android (android.graphics.Color)	4284586096 (0xFF619870)
YUV	130.9950, -9.3645, -29.8136
Hunter-Lab	51.1544, -22.9326, 13.3525

Details

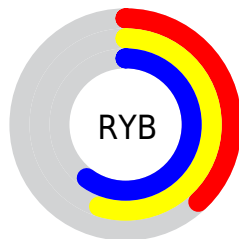
The XYZ color **19.0826, 26.1677, 19.3743** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.7398, 17.0315, 25.8095**, and the grayscale version is **21.6096, 22.7350, 24.7584**.

A 20% lighter version of the original color is **41.4081, 53.6955, 43.3038**, and **6.7514, 10.2819, 6.4793** is the 20% darker color. If you saturate the color by 10%, you get **17.0374, 25.1809, 16.2606**, and if you desaturate by 10%, it is **21.5151, 27.3469, 22.9018**.

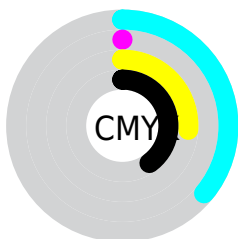
Distribution



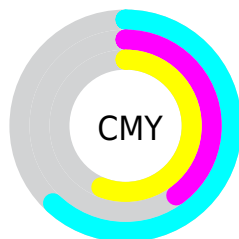
- Red (38%)
- Green (60%)
- Blue (44%)



- Red (38%)
- Yellow (55%)
- Blue (60%)



- Cyan (36%)
- Magenta (0%)
- Yellow (26%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0826, 26.1677, 19.3743 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 19.0826, 26.1677, 19.3743 by changing the saturation by 10% instead.

■ 19.0826, 26.1677,
19.3743

■ 19.0826, 26.1677,
19.3743

239.8337,
283.6043, 260.9986

■ 11.8343, 16.9491,
11.7615

■ 41.3894, 53.5454,
43.2107

■ 6.7024, 10.1982,
6.4609

■ 57.1787, 72.4733,
60.2714

■ 3.3213, 5.5306,
3.0540

■ 76.5457, 95.4064,
81.3185

■ 1.3259, 2.5618,
1.1223

■ 99.8557, 122.7291,
106.7705

■ 0.2025, 0.9075,
0.0000

127.4742,
154.8259, 137.0460

■ 0.0000, 0.0000,
0.0000

159.7665,

192.0811, 172.5635

197.0979,
234.8791, 213.7415

■ 19.0826, 26.1677,
19.3743

■ 19.0826, 26.1677,
19.3743

■ 17.0374, 25.1809,
16.2606

■ 21.5151, 27.3469,
22.9018

■ 15.3570, 24.3730,
13.5438

■ 24.3519, 28.7247,
26.8558

■ 14.0196, 23.7339,
11.2082


■ 27.6112, 30.3111,
31.2505


■ 13.0000, 23.2508,
9.2367


■ 31.3098, 32.1143,
36.0990


■ 12.2697, 22.9096,
7.6106


■ 35.4634, 34.1422,
41.4138


 11.7880, 22.6896,
6.3093

 40.0868, 36.4022,
47.2070

 11.6370, 22.6208,
5.8926

 45.1944, 38.9015,
53.4903

 50.7998, 41.6468,
60.2747

 56.9160, 44.6447,
67.5711

Harmonies

Analogous

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



21.3866, 26.1677, 14.0404



19.0826, 26.1677, 19.3743



18.2931, 26.1677, 28.5935

Triad

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



19.0826, 26.1677, 19.3743



24.9070, 26.1677, 54.7628



31.6853, 26.1677, 19.2390

Complementary

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



19.0826, 26.1677, 19.3743



21.7398, 17.0315, 25.8095

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.



32.8639, 26.1677, 28.3911



19.0826, 26.1677, 19.3743



28.7161, 26.1677, 50.4930

Square

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



19.0826, 26.1677, 19.3743



21.4420, 26.1677, 50.6414



31.7269, 26.1677, 40.0981



28.6488, 26.1677, 13.9773

Rectangle

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



19.0826, 26.1677, 19.3743



18.6623, 26.1677, 36.3261



31.7269, 26.1677, 40.0981



32.3249, 26.1677, 21.8742

Sweetspot

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



19.0833, 26.1688, 19.3749



45.7462, 52.0447, 51.1582



23.7581, 28.6674, 15.5906



10.2380, 11.7515, 11.4121



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.



19.0833, 26.1688, 19.3749



30.8602, 44.8251, 29.9272



20.8312, 26.8679, 28.5791



6.1979, 6.9519, 6.9657



9.7685, 18.9709, 5.0018



0.1598, 0.2891, 0.1472

Inverse Universe

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



21.7398, 17.0315, 25.8095



36.2156, 26.3830, 42.8833



20.0297, 16.3474, 16.8044



6.3893, 6.2949, 7.4302



13.2557, 6.5565, 13.1374



0.2131, 0.1040, 0.2751

Previews

White Background



This preview shows how the XYZ color 19.0826, 26.1677, 19.3743 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 19.0826, 26.1677, 19.3743 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 19.0826, 26.1677, 19.3743

Background



This preview shows how black text looks on a background with the XYZ color 19.0826, 26.1677, 19.3743.



This preview shows how white text looks on a background with the XYZ color 19.0826, 26.1677,

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

19.0826, 26.1677, 19.3743

Protanopia

24.2286, 25.8954, 17.3570

Deuteranopia

26.3754, 25.8882, 20.1298



Tritanopia

22.3943, 26.0906, 36.2034

Trichromacy



Original Color

19.0826, 26.1677, 19.3743

Protanomaly

21.8860, 25.7751, 18.0089

Deuteranomaly

23.1006, 25.6908, 19.9609

Tritanomaly

20.9911, 25.9865, 29.1088

Monochromacy



Original Color

19.0826, 26.1677, 19.3743

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.4785, 23.8424, 22.5915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0826, 26.1677, 19.3743 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(97, 152, 112)` looks like.

```
.text, #text, p{  
    color:rgb(97, 152, 112)  
}
```

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(97, 152, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 152, 112) }
```

Border

The CSS property to change the border of an element to XYZ 19.0826, 26.1677, 19.3743 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(97, 152, 112) }
```


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

```
.border{ border-color:rgb(97, 152, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 152, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 152, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 152, 112);  
box-shadow:4px 4px 4px 4px rgb(97, 152,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0826, 26.1677, 19.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 152, 112) }
```

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

```
.background{ background-color: rgb(97, 152,  
112) }
```

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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