

Converting Colors

XYZ(19.0563, 19.7311, 26.1899)

Have a look what the booklet for
XYZ(19.0563, 19.7311, 26.1899)
contains.

XYZ(19.1346, 19.8654, 26.1185)	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(19.1346, 19.8654,
26.1185)**

Conversions

Conversions Part 1

Format	Color
Hex	777B88
RGB	119, 123, 136
RGB Percent	47%, 48%, 53%
CMY	0.5333, 0.5176, 0.4667
CMYK	0.12, 0.10, 0.00, 0.47
HSL	226°, 7%, 50%
HSV	226°, 12%, 53%
XYZ	19.1346, 19.8654, 26.1185
YIQ	123.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

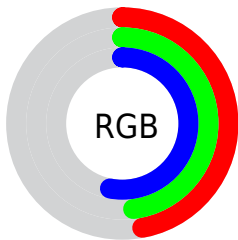
Format	Color
R_{YB}	119, 122, 136
Decimal	7830408
CIE Lab	51.68, 1.30, -7.57
CIE LCh	52, 7.681, 279.729
Yxy	19.8654, 0.2938, 0.3051
Android (android.graphics.Color)	4286020488 (0xFF777B88)
YUV	123.2860, 6.2680, -3.7588
Hunter-Lab	44.5706, -1.3668, -3.5447

Details

The XYZ color **19.1346, 19.8654, 26.1185** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.7345, 23.0685, 20.7602**, and the grayscale version is **18.9031, 19.8875, 21.6575**.

A 20% lighter version of the original color is **41.3099, 42.9920, 54.2651**, and **6.7270, 6.9090, 9.7831** is the 20% darker color. If you saturate the color by 10%, you get **16.1780, 16.5273, 25.6303**, and if you desaturate by 10%, it is **22.4966, 23.6169, 26.6657**.

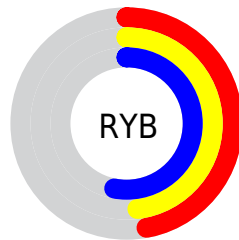
Distribution



Red (47%)

Green (48%)

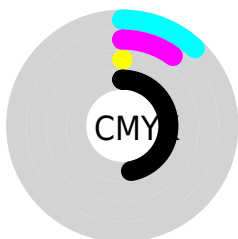
Blue (53%)



Red (47%)

Yellow (48%)

Blue (53%)

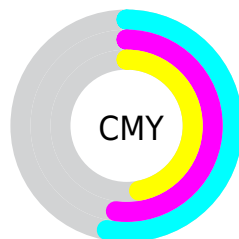


Cyan (12%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (53%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1346, 19.8654, 26.1185 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 19.1346, 19.8654, 26.1185 by changing the saturation by 10% instead.

■ 19.1346, 19.8654,
26.1185

■ 19.1346, 19.8654,
26.1185

240.1147,
251.1855, 296.9873

■ 11.8722, 12.2972,
16.6858

■ 41.4765, 43.1914,
54.4525

■ 6.7283, 6.9464,
9.8511

■ 57.2867, 59.7180,
74.1908

■ 3.3376, 3.4286,
5.1960

■ 76.6769, 79.9996,
98.2014

■ 1.3347, 1.3594,
2.3020

100.0124,
104.4205, 126.9028

■ 0.2090, 0.1865,
0.7323

127.6586,
133.3652, 160.7135

■ 0.0000, 0.0000,
0.0000

159.9808,

167.2180, 200.0522

197.3444,
206.3633, 245.3372

■ 19.1346, 19.8654,
26.1185

■ 19.1346, 19.8654,
26.1185

■ 16.1780, 16.5273,
25.6303

■ 22.4966, 23.6169,
26.6657

■ 13.6094, 13.5859,
25.1980

■ 26.2768, 27.7930,
27.2726

■ 11.4128, 11.0267,
24.8198

■ 30.4899, 32.4075,
27.9412

■ 9.5705, 8.8336,
24.4935

■ 35.1490, 37.4728,
28.6733

■ 8.0631, 6.9892,
24.2170

■ 40.2670, 43.0008,
29.4706

■ 6.8695, 5.4745,
23.9875

■ 45.8559, 49.0030,
30.3346

■ 5.9657, 4.2688,
23.8024

■ 51.9276, 55.4905,
31.2668

■ 5.3242, 3.3485,
23.6586

■ 58.4934, 62.4739,
32.2686

■ 4.9609, 2.8115,
23.5741

■ 65.5642, 69.9636,
33.3416

Harmonies

Analogous

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



18.3695, 19.8654, 25.8889



19.1346, 19.8654, 26.1185



19.8508, 19.8654, 25.0838

Triad

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



19.1346, 19.8654, 26.1185



20.0517, 19.8654, 19.0135



17.5168, 19.8654, 20.1838

Complementary

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



19.1346, 19.8654, 26.1185



21.7345, 23.0685, 20.7602

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.



17.9443, 19.8654, 18.5089



19.1346, 19.8654, 26.1185



19.4029, 19.8654, 17.8659

Square

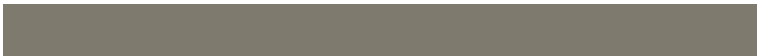
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.1346, 19.8654, 26.1185



20.3898, 19.8654, 20.9163



18.6306, 19.8654, 17.6877



17.4494, 19.8654, 22.3598

Rectangle

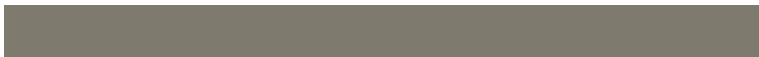
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



19.1346, 19.8654, 26.1185



20.1989, 19.8654, 23.8552



18.6306, 19.8654, 17.6877



17.6226, 19.8654, 19.5478

Sweetspot

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



19.1352, 19.8662, 26.1189



38.6564, 40.5211, 46.8323



20.5600, 23.1897, 25.1330



8.8556, 9.2766, 10.8301



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.1352, 19.8662, 26.1189



32.1779, 33.2747, 45.7751



19.2453, 19.2010, 25.9847



4.8641, 5.0711, 6.3283



4.7017, 2.6737, 22.3139



0.0410, 0.0372, 0.1515

Inverse Universe

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



20.3258, 19.8583, 21.5016



34.7104, 33.2885, 35.9466



21.6109, 23.8260, 20.9129



5.0780, 5.0666, 5.4992



9.8600, 5.0541, 1.7671



0.0704, 0.0355, 0.0376

Previews

White Background



This preview shows how the XYZ color 19.1346, 19.8654, 26.1185 looks on a white background.

Color Contrast Check

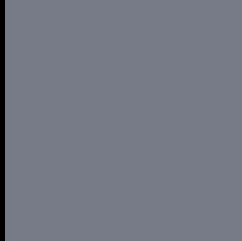
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1346, 19.8654, 26.1185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

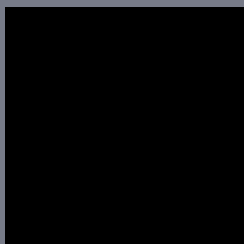
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

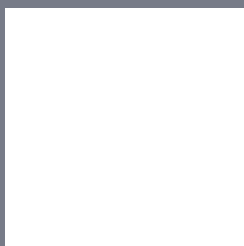
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1346, 19.8654, 26.1185

Background



This preview shows how black text looks on a background with the XYZ color 19.1346, 19.8654, 26.1185.

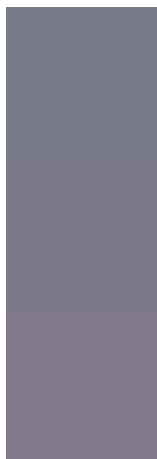


This preview shows how white text looks on a background with the XYZ color 19.1346, 19.8654,

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

19.1346, 19.8654, 26.1185

Protanopia

19.4295, 19.8342, 26.0969

Deuteranopia

20.2851, 19.9062, 26.4401



Tritanopia

18.9243, 19.7813, 25.0111

Trichromacy



Original Color

19.1346, 19.8654, 26.1185

Protanomaly

19.2886, 19.7616, 26.0903

Deuteranomaly

19.8102, 19.8409, 26.4525

Tritanomaly

18.9938, 19.8091, 25.3767

Monochromacy



Original Color

19.1346, 19.8654, 26.1185

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.0053, 19.8620, 23.2541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1346, 19.8654, 26.1185 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(119, 123, 136)` looks like.

```
.text, #text, p{  
    color:rgb(119, 123, 136)  
}
```

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(119, 123, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 123, 136) }
```

Border

The CSS property to change the border of an element to XYZ 19.1346, 19.8654, 26.1185 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(119, 123, 136) }
```


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

```
.border{ border-color:rgb(119, 123, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 123, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 123, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 123, 136);  
box-shadow:4px 4px 4px 4px rgb(119, 123,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1346, 19.8654, 26.1185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 123, 136) }
```

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

```
.background{ background-color: rgb(119,  
123, 136) }
```

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