

Converting Colors

XYZ(19.4161, 19.9940, 26.8806)

Have a look what the booklet for
XYZ(19.4161, 19.9940, 26.8806)
contains.

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Color

**XYZ(19.4161, 19.9940,
26.8806)**

Conversions

Conversions Part 1

Format	Color
Hex	787B8A
RGB	120, 123, 138
RGB Percent	47%, 48%, 54%
CMY	0.5294, 0.5176, 0.4588
CMYK	0.13, 0.11, 0.00, 0.46
HSL	230°, 7%, 51%
HSV	230°, 13%, 54%
XYZ	19.4161, 19.9940, 26.8806
YIQ	123.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

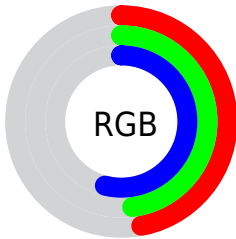
Format	Color
R_{YB}	120, 123, 138
Decimal	7895946
CIE Lab	51.83, 2.10, -8.52
CIE LCh	52, 8.771, 283.851
Yxy	19.9940, 0.2929, 0.3016
Android (android.graphics.Color)	4286086026 (0xFF787B8A)
YUV	123.8130, 6.9942, -3.3440
Hunter-Lab	44.7147, -0.7420, -4.3424

Details

The XYZ color **19.4161, 19.9940, 26.8806** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.5353, 24.0869, 21.2311**, and the grayscale version is **19.0755, 20.0689, 21.8550**.

A 20% lighter version of the original color is **41.7472, 43.1922, 55.4268**, and **6.8088, 6.9417, 10.2135** is the 20% darker color. If you saturate the color by 10%, you get **16.2949, 16.3909, 26.3499**, and if you desaturate by 10%, it is **22.9819, 24.0761, 27.4809**.

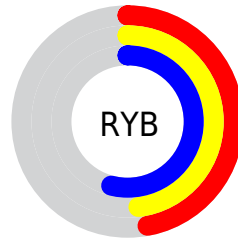
Distribution



Red (47%)

Green (48%)

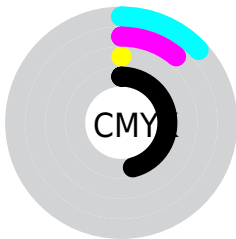
Blue (54%)



Red (47%)

Yellow (48%)

Blue (54%)

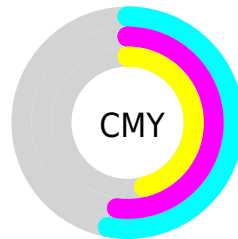


Cyan (13%)

Magenta (11%)

Yellow (0%)

Black (46%)



Cyan (53%)

Magenta (52%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4161, 19.9940, 26.8806 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 19.4161, 19.9940, 26.8806 by changing the saturation by 10% instead.

■ 19.4161, 19.9940,
26.8806

■ 19.4161, 19.9940,
26.8806

241.6306,
251.8826, 300.8204

■ 12.0771, 12.3907,
17.2519

■ 41.9475, 43.4071,
55.6936

■ 6.8688, 7.0103,
10.2504

■ 57.8706, 59.9857,
75.7150

■ 3.4258, 3.4686,
5.4575

■ 77.3858, 80.3249,
100.0378

■ 1.3827, 1.3810,
2.4547

100.8585,
104.8090, 129.0804

■ 0.2439, 0.2026,
0.8160

128.6539,
133.8224, 163.2614

■ 0.0000, 0.0000,
0.0000

161.1375,

167.7495, 202.9994

198.6746,
206.9748, 248.7129

■ 19.4161, 19.9940,
26.8806

■ 19.4161, 19.9940,
26.8806

■ 16.2949, 16.3909,
26.3499

■ 22.9819, 24.0761,
27.4809

■ 13.5991, 13.2466,
25.8851

■ 27.0070, 28.6514,
28.1519

■ 11.3104, 10.5434,
25.4840

■ 31.5078, 33.7366,
28.8962

■ 9.4089, 8.2612,
25.1437

■ 36.4992, 39.3468,
29.7160

■ 7.8726, 6.3784,
24.8613

■ 41.9953, 45.4965,
30.6133

■ 6.6775, 4.8716,
24.6334

■ 48.0101, 52.1998,
31.5902

■ 5.7964, 3.7146,
24.4565

■ 54.5565, 59.4699,
32.6484

■ 5.1981, 2.8778,
24.3265

■ 61.6473, 67.3200,
33.7899

■ 4.8942, 2.4485,
24.2597

■ 69.2948, 75.7625,
35.0164

Harmonies

Analogous

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



18.5320, 19.9940, 26.8221



19.4161, 19.9940, 26.8806



20.2134, 19.9940, 25.4969

Triad

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



19.4161, 19.9940, 26.8806



20.2640, 19.9940, 18.5499



17.4077, 19.9940, 20.4359

Complementary

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



19.4161, 19.9940, 26.8806



22.5353, 24.0869, 21.2311

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.



17.8433, 19.9940, 18.4253



19.4161, 19.9940, 26.8806



19.4834, 19.9940, 17.3959

Square

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



19.4161, 19.9940, 26.8806



20.7131, 19.9940, 20.6183



18.5972, 19.9940, 17.3522



17.3910, 19.9940, 22.9639

Rectangle

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



19.4161, 19.9940, 26.8806



20.5807, 19.9940, 24.0009



18.5972, 19.9940, 17.3522



17.5094, 19.9940, 19.6820

Sweetspot

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



19.4167, 19.9948, 26.8810



39.8169, 41.6481, 48.3235



21.1866, 23.9111, 26.3100



8.8313, 9.2279, 10.8220



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.



19.4167, 19.9948, 26.8810



32.3249, 33.0570, 47.0601



19.8642, 19.6811, 26.7969



4.8377, 5.0184, 6.3195



4.4952, 2.2607, 22.2451



0.0372, 0.0296, 0.1502

Inverse Universe

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



20.7733, 20.2666, 21.5569



35.2633, 33.6744, 35.5213



22.0416, 24.4631, 21.3297



5.0647, 5.0613, 5.4293



9.7558, 5.0124, 1.2183



0.0685, 0.0348, 0.0275

Previews

White Background



This preview shows how the XYZ color 19.4161, 19.9940, 26.8806 looks on a white background.

Color Contrast Check

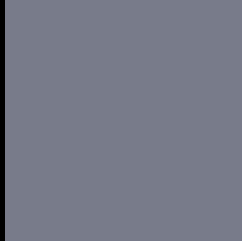
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4161, 19.9940, 26.8806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

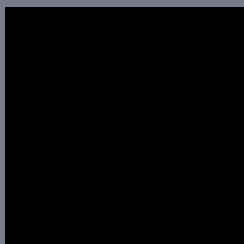
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

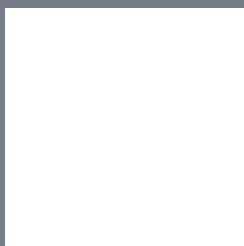
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4161, 19.9940, 26.8806

Background



This preview shows how black text looks on a background with the XYZ color 19.4161, 19.9940, 26.8806.



This preview shows how white text looks on a background with the XYZ color 19.4161, 19.9940,

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

19.4161, 19.9940, 26.8806

Protanopia

19.5556, 20.0658, 26.8872

Deuteranopia

20.2788, 19.8862, 27.1957



Tritanopia

19.1185, 20.0585, 25.4183

Trichromacy



Original Color

19.4161, 19.9940, 26.8806

Protanomaly

19.5556, 20.0658, 26.8872

Deuteranomaly

19.9550, 19.8988, 27.2152

Tritanomaly

19.1886, 20.0865, 25.7874

Monochromacy



Original Color

19.4161, 19.9940, 26.8806

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.3385, 20.2112, 23.6508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4161, 19.9940, 26.8806 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(120, 123, 138)` looks like.

```
.text, #text, p{  
    color:rgb(120, 123, 138)  
}
```

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(120, 123, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 123, 138) }
```

Border

The CSS property to change the border of an element to XYZ 19.4161, 19.9940, 26.8806 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(120, 123, 138) }
```


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

```
.border{ border-color:rgb(120, 123, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 123, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 123, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 123, 138);  
box-shadow:4px 4px 4px 4px rgb(120, 123,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4161, 19.9940, 26.8806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 123, 138) }
```

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

```
.background{ background-color: rgb(120,  
123, 138) }
```

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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