

Converting Colors

XYZ(33.1296, 26.2682, 19.7119)

Have a look what the booklet for
XYZ(33.1296, 26.2682, 19.7119)
contains.

XYZ(33.1840, 26.3599, 19.8620)	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(33.1840, 26.3599,
19.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	C77674
RGB	199, 118, 116
RGB Percent	78%, 46%, 45%
CMY	0.2196, 0.5372, 0.5451
CMYK	0.00, 0.41, 0.42, 0.22
HSL	1°, 43%, 62%
HSV	1°, 42%, 78%
XYZ	33.1840, 26.3599, 19.8620
YIQ	141.9910, 48.9180, 16.5500

Conversions

Conversions Part 2

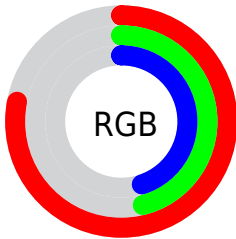
Format	Color
RYB	199, 118, 116
Decimal	13071988
CIELab	58.38, 31.48, 14.81
CIElCh	58, 34.792, 25.192
Yxy	26.3599, 0.4179, 0.3320
Android (android.graphics.Color)	4291262068 (0xFFC77674)
YUV	141.9910, -12.8136, 49.9969
Hunter-Lab	51.3419, 25.5223, 13.0025

Details

The XYZ color **33.1840, 26.3599, 19.8620** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.4766, 47.7671, 61.2775**, and the grayscale version is **25.7438, 27.0844, 29.4950**.

A 20% lighter version of the original color is **62.8708, 53.2130, 44.0033**, and **14.2658, 10.3024, 6.7055** is the 20% darker color. If you saturate the color by 10%, you get **30.0919, 21.8339, 13.7191**, and if you desaturate by 10%, it is **36.9962, 31.9292, 27.4687**.

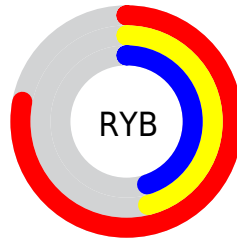
Distribution



Red (78%)

Green (46%)

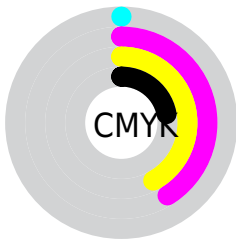
Blue (45%)



Red (78%)

Yellow (46%)

Blue (45%)

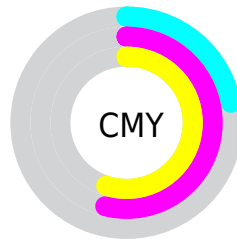


Cyan (0%)

Magenta (41%)

Yellow (42%)

Black (22%)



Cyan (22%)


Magenta (54%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1840, 26.3599, 19.8620 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 33.1840, 26.3599, 19.8620 by changing the saturation by 10% instead.


 33.1840, 26.3599,
19.8620


 33.1840, 26.3599,
19.8620


308.1284,
284.5444, 263.7465


 22.4273, 17.0931,
12.1117


 64.0154, 53.8550,
44.0416

 14.2896, 10.3009,
6.6963


 84.8210, 72.8520,
61.3080

 8.4054, 5.5989,
3.1974


 109.7068, 95.8613,
82.5835

 4.4094, 2.6028,
1.1963

139.0383,
123.2671, 108.2867

 1.9363, 0.9281,
0.0000

173.1809,
155.4540, 138.8360

 0.5978, 0.0000,
0.0000

212.4998,

 0.0000, 0.0000,

192.8062, 174.6501

0.0000

257.3606,
235.7082, 216.1474

■ 33.1840, 26.3599,
19.8620

■ 33.1840, 26.3599,
19.8620

■ 30.0919, 21.8339,
13.7191

■ 36.9962, 31.9292,
27.4687

■ 27.6727, 18.2827,
8.9446

■ 41.5677, 38.5969,
36.6233

■ 25.8770, 15.6359,
5.4343


■ 46.9372, 46.4190,
47.4053


■ 24.6477, 13.8117,
3.0682


■ 53.1401, 55.4465,
59.8882


■ 23.9170, 12.7140,
1.7036

■ 60.2099, 65.7273,
74.1412

 23.6053, 12.2464,
1.1197

 68.1782, 77.3067,
90.2296

 77.0264, 90.2085,
107.9600

 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



34.0932, 26.3599, 30.7045



33.1840, 26.3599, 19.8620



30.0050, 26.3599, 13.4761

Triad

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



33.1840, 26.3599, 19.8620



18.9359, 26.3599, 17.3249



24.3768, 26.3599, 58.8408

Complementary

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



33.1840, 26.3599, 19.8620



37.4766, 47.7671, 61.2775

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.



20.6805, 26.3599, 52.4724



33.1840, 26.3599, 19.8620



17.7734, 26.3599, 26.7875

Square

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



33.1840, 26.3599, 19.8620



21.7402, 26.3599, 12.3275



18.3743, 26.3599, 39.8375



28.6891, 26.3599, 55.4549

Rectangle

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



33.1840, 26.3599, 19.8620



27.1975, 26.3599, 11.5225



18.3743, 26.3599, 39.8375



23.0268, 26.3599, 57.7284

Sweetspot

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



33.1847, 26.3612, 19.8625



80.6991, 79.1147, 80.0192



39.9475, 28.6927, 56.6273



16.8059, 16.2536, 16.1890



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



33.1847, 26.3612, 19.8625



53.1633, 38.9251, 24.9612



39.0838, 38.1594, 21.8289



10.6541, 10.6773, 11.0621



15.1880, 7.8932, 0.7230



0.7265, 0.3884, 0.0367

Inverse Universe

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



37.4766, 47.7671, 61.2775



61.6626, 81.3417, 107.0583



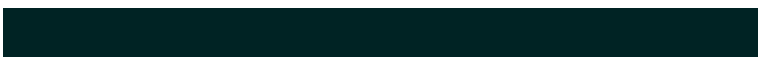
29.4195, 31.6529, 58.5918



10.9239, 12.0219, 13.6622



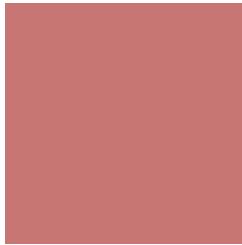
19.0715, 27.5369, 39.0543



0.9101, 1.3181, 1.8516

Previews

White Background



This preview shows how the XYZ color 33.1840, 26.3599, 19.8620 looks on a white background.

Color Contrast Check

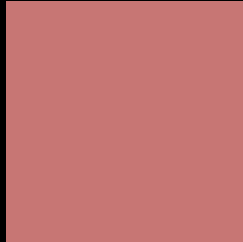
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1840, 26.3599, 19.8620 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 33.1840, 26.3599, 19.8620

Background



This preview shows how black text looks on a background with the XYZ color 33.1840, 26.3599, 19.8620.



This preview shows how white text looks on a background with the XYZ color 33.1840, 26.3599,

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

33.1840, 26.3599, 19.8620

Protanopia

25.2415, 26.4915, 23.8617

Deuteranopia

26.9545, 26.4127, 19.3003



Tritanopia

33.8824, 26.4826, 22.7279

Trichromacy



Original Color

33.1840, 26.3599, 19.8620

Protanomaly

27.5523, 26.0396, 22.3129

Deuteranomaly

29.0190, 26.2625, 19.4593

Tritanomaly

33.6936, 26.4071, 21.7336

Monochromacy



Original Color

33.1840, 26.3599, 19.8620

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.7254, 26.2550, 25.7967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1840, 26.3599, 19.8620 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(199, 118, 116)` looks like.

```
.text, #text, p{  
    color:rgb(199, 118, 116)  
}
```

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(199, 118, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 118, 116) }
```

Border

The CSS property to change the border of an element to XYZ 33.1840, 26.3599, 19.8620 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(199, 118, 116) }
```


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

```
.border{ border-color:rgb(199, 118, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 118, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 118, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 118, 116);  
box-shadow:4px 4px 4px 4px rgb(199, 118,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1840, 26.3599, 19.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 118, 116) }
```

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

```
.background{ background-color: rgb(199,  
118, 116) }
```

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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