

Converting Colors

XYZ(30.2175, 39.3444, 33.5604)

Have a look what the booklet for
XYZ(30.2175, 39.3444, 33.5604)
contains.

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Color

**XYZ(30.1919, 39.1847,
33.5759)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB493
RGB	126, 180, 147
RGB Percent	49%, 71%, 58%
CMY	0.5059, 0.2941, 0.4235
CMYK	0.30, 0.00, 0.18, 0.29
HSL	143°, 26%, 60%
HSV	143°, 30%, 71%
XYZ	30.1919, 39.1847, 33.5759
YIQ	160.0920, -21.5910, -21.7110

Conversions

Conversions Part 2

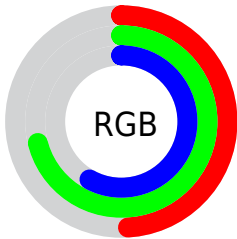
Format	Color
RYB	126, 165, 180
Decimal	8303763
CIELab	68.88, -24.73, 11.23
CIElCh	69, 27.158, 155.567
Yxy	39.1847, 0.2933, 0.3806
Android (android.graphics.Color)	4286493843 (0xFF7EB493)
YUV	160.0920, -6.4544, -29.8987
Hunter-Lab	62.5977, -23.4524, 12.0166

Details

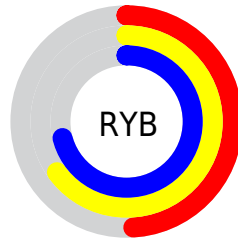
The XYZ color **30.1919, 39.1847, 33.5759** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.5426, 27.1291, 36.3237**, and the grayscale version is **33.4928, 35.2371, 38.3732**.

A 20% lighter version of the original color is **59.3605, 73.9112, 66.3960**, and **12.6023, 17.5191, 13.7836** is the 20% darker color. If you saturate the color by 10%, you get **26.9505, 37.6098, 29.1319**, and if you desaturate by 10%, it is **33.9956, 41.0421, 38.4788**.

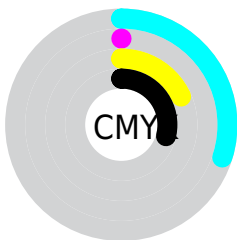
Distribution



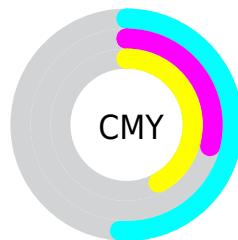
- Red (49%)
- Green (71%)
- Blue (58%)



- Red (49%)
- Yellow (65%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1919, 39.1847, 33.5759 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 30.1919, 39.1847, 33.5759 by changing the saturation by 10% instead.


 30.1919, 39.1847,
33.5759


 30.1919, 39.1847,
33.5759


294.6917,
342.6751, 332.9481


 20.1331, 26.9034,
22.2933


 59.3501, 73.9204,
66.4000

 12.6006, 17.5007,
13.8722


 79.1801, 97.1436,
88.7784

 7.2292, 10.5921,
7.8941


 102.9980,
124.7830, 115.6926

 3.6535, 5.7933,
3.9404

131.1690,
157.2228, 147.5611

 1.5080, 2.7198,
1.5927

164.0585,
194.8475, 184.8023

 0.3313, 0.9873,
0.2856

202.0319,

 0.0000, 0.0000,

238.0416, 227.8349

0.0000

245.4545,
287.1893, 277.0773

■ 30.1919, 39.1847,
33.5759

■ 30.1919, 39.1847,
33.5759

■ 26.9505, 37.6098,
29.1319

■ 33.9956, 41.0421,
38.4788

■ 24.2402, 36.2983,
25.1309

■ 38.3844, 43.1902,
43.8508

■ 22.0318, 35.2366,
21.5598

■ 43.3835, 45.6430,
49.7050

■ 20.2915, 34.4075,
18.4037

■ 49.0158, 48.4119,
56.0532

■ 18.9813, 33.7917,
15.6471

■ 55.3030, 51.5078,
62.9067

■ 18.0566, 33.3666,
13.2731

■ 62.2656, 54.9413,
70.2767

■ 17.4274, 33.0861,
11.2619

■ 69.9235, 58.7222,
78.1736

■ 72.5581, 59.9024,
86.3393

■ 74.1974, 60.5581,
94.9717

Harmonies

Analogous

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



32.6252, 39.1847, 26.1146



30.1919, 39.1847, 33.5759



29.5843, 39.1847, 45.0115

Triad

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



30.1919, 39.1847, 33.5759



38.0543, 39.1847, 70.9402



44.4056, 39.1847, 30.2875

Complementary

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



30.1919, 39.1847, 33.5759



32.5426, 27.1291, 36.3237

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.



46.1230, 39.1847, 40.4024



30.1919, 39.1847, 33.5759



42.2791, 39.1847, 65.0491

Square

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



30.1919, 39.1847, 33.5759



33.9177, 39.1847, 68.1495



45.3164, 39.1847, 53.2632



40.7807, 39.1847, 24.4884

Rectangle

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



30.1919, 39.1847, 33.5759



30.2523, 39.1847, 53.7589



45.3164, 39.1847, 53.2632



45.2374, 39.1847, 33.2139

Sweetspot

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



30.1930, 39.1863, 33.5768



70.3199, 78.6645, 80.3718



34.4462, 41.5523, 25.9440



14.9341, 16.8726, 17.0549



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.1930, 39.1863, 33.5768



50.7440, 69.1039, 55.4565



32.5375, 40.1241, 45.9228



8.5212, 9.5430, 9.7385



12.1936, 23.1034, 8.0224



0.4127, 0.7386, 0.4056

Inverse Universe

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



32.5426, 27.1291, 36.3237



55.6903, 43.7056, 61.2273



30.4698, 26.3000, 25.4087



8.7072, 8.5896, 9.9566



15.1350, 7.5715, 11.1367



0.5038, 0.2493, 0.4956

Previews

White Background



This preview shows how the XYZ color 30.1919, 39.1847, 33.5759 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.1919, 39.1847, 33.5759 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 ✓ Pass

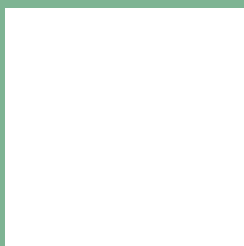
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1919, 39.1847, 33.5759

Background



This preview shows how black text looks on a background with the XYZ color 30.1919, 39.1847, 33.5759.



This preview shows how white text looks on a background with the XYZ color 30.1919, 39.1847,

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

30.1919, 39.1847, 33.5759

Protanopia

36.7579, 38.9076, 30.7719

Deuteranopia

39.5660, 38.6713, 34.6571



Tritanopia

34.0447, 38.9713, 53.3048

Trichromacy



Original Color

30.1919, 39.1847, 33.5759

Protanomaly

33.8110, 38.7573, 31.6855

Deuteranomaly

35.4440, 38.4228, 34.4024

Tritanomaly

32.4282, 38.8931, 45.3331

Monochromacy



Original Color

30.1919, 39.1847, 33.5759

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

31.9479, 36.2999, 36.3331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1919, 39.1847, 33.5759 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(126, 180, 147)` looks like.

```
.text, #text, p{  
    color:rgb(126, 180, 147)  
}
```

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(126, 180, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 180, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.1919, 39.1847, 33.5759 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(126, 180, 147) }
```


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

```
.border{ border-color:rgb(126, 180, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 180, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 180, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 180, 147);  
box-shadow:4px 4px 4px 4px rgb(126, 180,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1919, 39.1847, 33.5759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 180, 147) }
```

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

```
.background{ background-color: rgb(126,  
180, 147) }
```

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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