

Converting Colors

XYZ(13.4483, 19.4782, 11.6518)

Have a look what the booklet for
XYZ(13.4483, 19.4782, 11.6518)
contains.

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Color

**XYZ(13.3892, 19.3683,
11.6271)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8655
RGB	79, 134, 85
RGB Percent	31%, 53%, 33%
CMY	0.6902, 0.4745, 0.6667
CMYK	0.41, 0.00, 0.37, 0.47
HSL	127°, 26%, 42%
HSV	127°, 41%, 53%
XYZ	13.3892, 19.3683, 11.6271
YIQ	111.9690, -17.0510, -26.8990

Conversions

Conversions Part 2

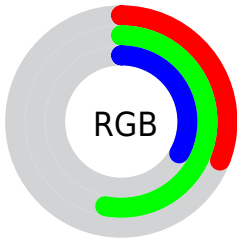
Format	Color
R_{YB}	79, 129, 134
Decimal	5211733
CIE _{Lab}	51.12, -29.13, 20.83
CIE _{LCh}	51, 35.811, 144.431
Yxy	19.3683, 0.3017, 0.4364
Android (android.graphics.Color)	4283401813 (0xFF4F8655)
YUV	111.9690, -13.2957, -28.9138
Hunter-Lab	44.0094, -22.7106, 15.1424

Details

The XYZ color **13.3892, 19.3683, 11.6271** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.5243, 12.2191, 21.9102**, and the grayscale version is **15.4337, 16.2375, 17.6826**.

A 20% lighter version of the original color is **31.7165, 42.5410, 29.4613**, and **4.0154, 6.7340, 3.0076** is the 20% darker color. If you saturate the color by 10%, you get **11.9501, 18.6772, 9.2896**, and if you desaturate by 10%, it is **15.1341, 20.2089, 14.3976**.

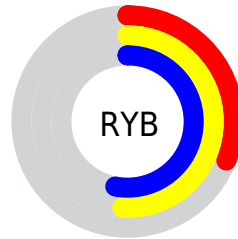
Distribution



Red (31%)

Green (53%)

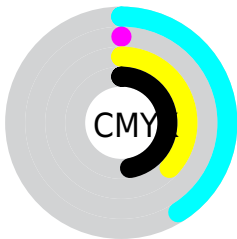
Blue (33%)



Red (31%)

Yellow (51%)

Blue (53%)

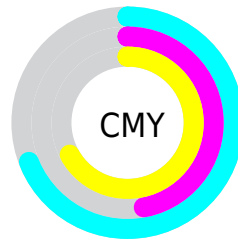


Cyan (41%)

Magenta (0%)

Yellow (37%)

Black (47%)



Cyan (69%)

Magenta (47%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3892, 19.3683, 11.6271 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 13.3892, 19.3683, 11.6271 by changing the saturation by 10% instead.

■ 13.3892, 19.3683,
11.6271

■ 13.3892, 19.3683,
11.6271

206.9847,
248.4745, 212.8103

■ 7.7759, 11.9367,
6.3709

■ 31.5966, 42.3555,
29.4683

■ 4.0025, 6.7006,
2.9995

■ 44.9215, 58.6799,
42.8903

■ 1.7036, 3.2756,
1.0944

■ 61.5477, 78.7374,
59.8713

■ 0.4585, 1.2772,
0.0000

■ 81.8405, 102.9123,
80.8298

■ 0.0000, 0.1235,
0.0000

■ 106.1652,
131.5891, 106.1845

■ 0.0000, 0.0000,
0.0000

134.8872,

165.1521, 136.3537

168.3720,
203.9858, 171.7561

■ 13.3892, 19.3683,
11.6271

■ 13.3892, 19.3683,
11.6271

■ 11.9501, 18.6772,
9.2896

■ 15.1341, 20.2089,
14.3976

■ 10.7976, 18.1246,
7.3619

■ 17.1994, 21.2044,
17.6199

■ 9.9129, 17.7017,
5.8207


■ 19.6008, 22.3631,
21.3135

■ 9.2741, 17.3979,
4.6401


■ 22.3522, 23.6918,
25.4963

■ 8.8559, 17.2006,
3.7907


■ 25.4670, 25.1969,
30.1852

 8.6090, 17.0843,
3.2818

 28.9577, 26.8848,
35.3963

 32.8364, 28.7610,
41.1451

 37.1144, 30.8314,
47.4463

 41.8028, 33.1012,
54.3142

Harmonies

Analogous

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



15.7237, 19.3683, 7.8137



13.3892, 19.3683, 11.6271



12.4086, 19.3683, 19.2453

Triad

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



13.3892, 19.3683, 11.6271



17.7535, 19.3683, 47.1940



25.3612, 19.3683, 13.9831

Complementary

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



13.3892, 19.3683, 11.6271



16.5243, 12.2191, 21.9102

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.



26.0860, 19.3683, 23.0464



13.3892, 19.3683, 11.6271



21.3838, 19.3683, 44.4093

Square

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



13.3892, 19.3683, 11.6271



14.7118, 19.3683, 41.3604



24.5487, 19.3683, 34.6508



22.6788, 19.3683, 8.8354

Rectangle

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



13.3892, 19.3683, 11.6271



12.5502, 19.3683, 26.3543



24.5487, 19.3683, 34.6508



25.8552, 19.3683, 16.5759

Sweetspot

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



13.3897, 19.3691, 11.6275



33.9852, 39.1354, 36.7124



18.9146, 22.2437, 10.6938



7.5520, 8.7664, 8.1108



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



13.3897, 19.3691, 11.6275



21.2768, 33.0130, 16.7329



14.6747, 19.8831, 18.3941



4.6354, 5.2124, 5.0915



8.0698, 16.0108, 3.0873



0.0292, 0.0560, 0.0173

Inverse Universe

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



16.5243, 12.2191, 21.9102



27.5602, 18.6658, 37.3337



14.9770, 11.6002, 13.7619



4.8366, 4.7543, 5.7518



12.3579, 6.0075, 16.9888



0.0444, 0.0214, 0.0670

Previews

White Background



This preview shows how the XYZ color 13.3892, 19.3683, 11.6271 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 13.3892, 19.3683, 11.6271 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 13.3892, 19.3683, 11.6271

Background



This preview shows how black text looks on a background with the XYZ color 13.3892, 19.3683, 11.6271.



This preview shows how white text looks on a background with the XYZ color 13.3892, 19.3683,

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

13.3892, 19.3683, 11.6271

Protanopia

17.8011, 19.1595, 10.3493

Deuteranopia

19.3763, 19.0517, 12.1073



Tritanopia

16.5231, 19.4470, 26.9275

Trichromacy



Original Color

13.3892, 19.3683, 11.6271

Protanomaly

15.7939, 19.0416, 10.8256

Deuteranomaly

16.5901, 18.8636, 11.9992

Tritanomaly

15.1502, 19.2756, 20.3748

Monochromacy



Original Color

13.3892, 19.3683, 11.6271

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.3703, 17.1016, 15.1139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3892, 19.3683, 11.6271 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(79, 134, 85)` looks like.

```
.text, #text, p{  
    color:rgb(79, 134, 85)  
}
```

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(79, 134, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 134, 85) }
```

Border

The CSS property to change the border of an element to XYZ 13.3892, 19.3683, 11.6271 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(79, 134, 85) }
```


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

```
.border{ border-color:rgb(79, 134, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 134, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 134, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 134, 85);  
box-shadow:4px 4px 4px 4px rgb(79, 134,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3892, 19.3683, 11.6271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 134, 85) }
```

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

```
.background{ background-color: rgb(79, 134,  
85) }
```

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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