

Converting Colors

XYZ(11.4138, 19.4702, 11.5507)

Have a look what the booklet for
XYZ(11.4138, 19.4702, 11.5507)
contains.

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Color

**XYZ(11.3683, 19.3814,
11.5293)**

Conversions

Conversions Part 1

Format	Color
Hex	1E8B54
RGB	30, 139, 84
RGB Percent	12%, 55%, 33%
CMY	0.8823, 0.4549, 0.6706
CMYK	0.78, 0.00, 0.40, 0.45
HSL	150°, 64%, 33%
HSV	150°, 78%, 55%
XYZ	11.3683, 19.3814, 11.5293
YIQ	100.1390, -47.3090, -40.2130

Conversions

Conversions Part 2

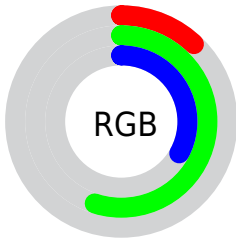
Format	Color
R_{YB}	30, 103, 139
Decimal	2001748
CIE _{Lab}	51.13, -43.00, 21.12
CIE _{LCh}	51, 47.912, 153.840
Yxy	19.3814, 0.2689, 0.4584
Android (android.graphics.Color)	4280191828 (0xFF1E8B54)
YUV	100.1390, -7.9565, -61.5119
Hunter-Lab	44.0243, -30.9489, 15.2899

Details

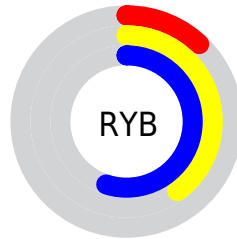
The XYZ color **11.3683, 19.3814, 11.5293** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **12.7521, 7.0738, 9.2885**, and the grayscale version is **12.1775, 12.8116, 13.9519**.

A 20% lighter version of the original color is **27.8872, 42.1883, 29.2276**, and **3.8396, 7.1194, 3.0055** is the 20% darker color. If you saturate the color by 10%, you get **10.7876, 19.1127, 10.1394**, and if you desaturate by 10%, it is **12.1566, 19.7549, 13.0734**.

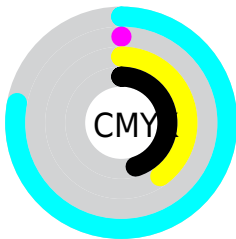
Distribution



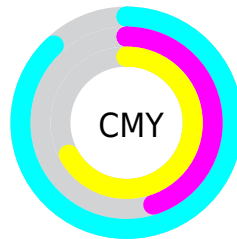
- Red (12%)
- Green (55%)
- Blue (33%)



- Red (12%)
- Yellow (40%)
- Blue (55%)



- Cyan (78%)
- Magenta (0%)
- Yellow (40%)
- Black (45%)





- Cyan (88%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.3683, 19.3814, 11.5293 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 11.3683, 19.3814, 11.5293 by changing the saturation by 10% instead.


 11.3683, 19.3814,
11.5293


 11.3683, 19.3814,
11.5293


194.0337,
248.5463, 212.1298


 6.3842, 11.9462,
6.3054


 27.9662, 42.3776,
29.2863


 3.1230, 6.7070,
2.9599


 40.3107, 58.7074,
42.6566


 1.2191, 3.2796,
1.0742

 55.8395, 78.7708,
59.5793

 0.1214, 1.2794,
0.0000

 74.9178, 102.9522,
80.4731

 0.0000, 0.1252,
0.0000

 97.9110, 131.6361,
105.7565

 0.0000, 0.0000,
0.0000

 125.1845,

165.2068, 135.8481

157.1036,
204.0487, 171.1664

■ 11.3683, 19.3814,
11.5293

■ 11.3683, 19.3814,
11.5293

■ 10.7876, 19.1127,
10.1394

■ 12.1566, 19.7549,
13.0734

■ 10.3652, 18.9221,
8.8960

■ 13.1725, 20.2421,
14.7754

■ 10.3029, 18.8940,
8.7117

■ 14.4355, 20.8532,
16.6406

■ 15.9622, 21.5968,
18.6734

■ 17.7680, 22.4808,
20.8781

■ 19.8667, 23.5122,
23.2589

■ 22.2714, 24.6977,
25.8198

■ 24.9945, 26.0435,
28.5646

■ 28.0473, 27.5556,
31.4970

Harmonies

Analogous

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



13.7811, 19.3814, 5.9621



11.3683, 19.3814, 11.5293



10.7166, 19.3814, 22.9071

Triad

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



11.3683, 19.3814, 11.5293



19.0411, 19.3814, 59.5376



27.1152, 19.3814, 9.6148

Complementary

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



11.3683, 19.3814, 11.5293



12.7521, 7.0738, 9.2885

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.



29.1430, 19.3814, 19.3963



11.3683, 19.3814, 11.5293



24.0015, 19.3814, 51.2123

Square

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



11.3683, 19.3814, 11.5293



14.6744, 19.3814, 54.4475



27.9159, 19.3814, 34.8941



22.7575, 19.3814, 5.2380

Rectangle

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



11.3683, 19.3814, 11.5293



11.2552, 19.3814, 33.5664



27.9159, 19.3814, 34.8941



28.1230, 19.3814, 12.1841

Sweetspot

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



11.3688, 19.3822, 11.5297



33.2177, 40.9446, 39.0097



13.3346, 20.5534, 4.4929



7.3899, 9.3049, 8.6834



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.3688, 19.3822, 11.5297



18.7437, 33.9677, 16.4364



14.2972, 20.5535, 26.9506



5.0684, 5.6468, 5.8811



9.3071, 17.0554, 7.9080



0.0692, 0.1162, 0.0913

Inverse Universe

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



12.7521, 7.0738, 9.2885



21.3314, 10.9242, 12.2299



11.3705, 6.5212, 2.0131



5.1312, 5.0879, 5.7796



10.6202, 5.3582, 5.7705



0.0779, 0.0385, 0.0772

Previews

White Background



This preview shows how the XYZ color 11.3683, 19.3814, 11.5293 looks on a white background.

Color Contrast Check

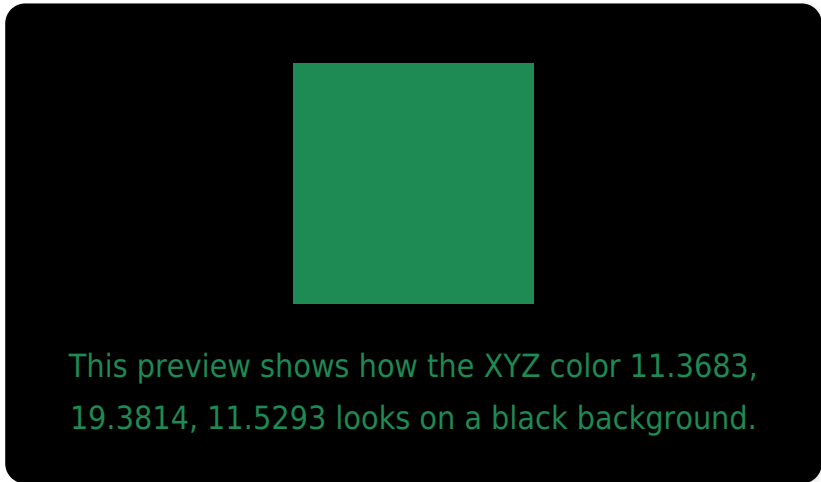
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 11.3683, 19.3814, 11.5293

Background



This preview shows how black text looks on a background with the XYZ color 11.3683, 19.3814, 11.5293.



This preview shows how white text looks on a background with the XYZ color 11.3683, 19.3814,

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

11.3683, 19.3814, 11.5293

Protanopia

17.6926, 19.1161, 9.7785

Deuteranopia

19.3763, 19.0517, 12.1073



Tritanopia

14.8965, 19.3556, 28.9375

Trichromacy



Original Color

11.3683, 19.3814, 11.5293

Protanomaly

13.8865, 18.4504, 10.4188

Deuteranomaly

14.4074, 17.9282, 11.7180

Tritanomaly

13.3491, 19.3374, 21.4413

Monochromacy



Original Color

11.3683, 19.3814, 11.5293

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

10.9393, 14.3386, 12.7807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3683, 19.3814, 11.5293 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(30, 139, 84)` looks like.

```
.text, #text, p{  
    color:rgb(30, 139, 84)  
}
```

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(30, 139, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 139, 84) }
```

Border

The CSS property to change the border of an element to XYZ 11.3683, 19.3814, 11.5293 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(30, 139, 84) }
```


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

```
.border{ border-color:rgb(30, 139, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 139, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 139, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 139, 84);  
box-shadow:4px 4px 4px 4px rgb(30, 139,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3683, 19.3814, 11.5293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 139, 84) }
```

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

```
.background{ background-color: rgb(30, 139,  
84) }
```

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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