

Converting Colors

XYZ(11.1962, 19.2686, 11.3578)

Have a look what the booklet for
XYZ(11.1962, 19.2686, 11.3578)
contains.

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Color

**XYZ(11.1949, 19.2964,
11.3182)**

Conversions

Conversions Part 1

Format	Color
Hex	198B53
RGB	25, 139, 83
RGB Percent	10%, 55%, 33%
CMY	0.9019, 0.4549, 0.6745
CMYK	0.82, 0.00, 0.40, 0.45
HSL	151°, 70%, 32%
HSV	151°, 82%, 55%
XYZ	11.1949, 19.2964, 11.3182
YIQ	98.5300, -49.9680, -41.5840

Conversions

Conversions Part 2

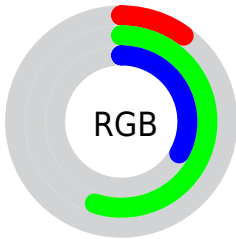
Format	Color
R_{YB}	25, 101, 139
Decimal	1674067
CIE Lab	51.03, -43.84, 21.53
CIE LCh	51, 48.843, 153.838
Yxy	19.2964, 0.2678, 0.4615
Android (android.graphics.Color)	4279864147 (0xFF198B53)
YUV	98.5300, -7.6563, -64.4858
Hunter-Lab	43.9277, -31.3830, 15.4730

Details

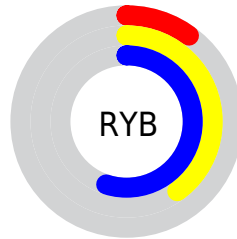
The XYZ color **11.1949, 19.2964, 11.3182** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **12.4811, 6.7789, 8.4366**, and the grayscale version is **11.7700, 12.3829, 13.4850**.

A 20% lighter version of the original color is **27.5201, 42.0070, 28.8480**, and **3.8237, 7.1130, 2.9217** is the 20% darker color. If you saturate the color by 10%, you get **10.6829, 19.0620, 9.9854**, and if you desaturate by 10%, it is **11.9043, 19.6307, 12.7967**.

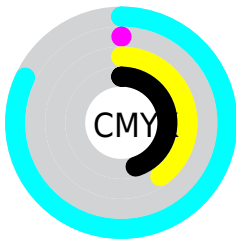
Distribution



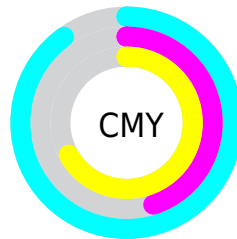
- Red (10%)
- Green (55%)
- Blue (33%)



- Red (10%)
- Yellow (40%)
- Blue (55%)



- Cyan (82%)
- Magenta (0%)
- Yellow (40%)
- Black (45%)





- Cyan (90%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.1949, 19.2964, 11.3182 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 11.1949, 19.2964, 11.3182 by changing the saturation by 10% instead.


 11.1949, 19.2964,
11.3182


 11.1949, 19.2964,
11.3182


192.8806,
248.0802, 210.6530


 6.2663, 11.8846,
6.1644


 27.6498, 42.2343,
28.8927


 3.0499, 6.6652,
2.8749


 39.9068, 58.5293,
42.1505


 1.1802, 3.2536,
1.0311

 55.3374, 78.5542,
58.9467

 0.0907, 1.2655,
0.0000

 74.3068, 102.6933,
79.6999

 0.0000, 0.1143,
0.0000

 97.1805, 131.3310,
104.8285

 0.0000, 0.0000,
0.0000

 124.3238,

164.8519, 134.7512

156.1021,
203.6401, 169.8865

■ 11.1949, 19.2964,
11.3182

■ 11.1949, 19.2964,
11.3182

■ 10.6829, 19.0620,
9.9854

■ 11.9043, 19.6307,
12.7967

■ 10.3612, 18.9172,
9.0191

■ 12.8328, 20.0742,
14.4244

■ 14.0004, 20.6379,
16.2062

■ 15.4244, 21.3306,
18.1464

■ 17.1206, 22.1602,
20.2491

■ 19.1034, 23.1342,
22.5182

■ 21.3859, 24.2593,
24.9575

■ 23.9808, 25.5418,
27.5706

■ 26.8997, 26.9878,
30.3609

Harmonies

Analogous

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



13.6335, 19.2964, 5.7427



11.1949, 19.2964, 11.3182



10.5376, 19.2964, 22.8447

Triad

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



11.1949, 19.2964, 11.3182



18.9704, 19.2964, 60.3712



27.2019, 19.2964, 9.3940

Complementary

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



11.1949, 19.2964, 11.3182



12.4811, 6.7789, 8.4366

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.



29.2743, 19.2964, 19.2772



11.1949, 19.2964, 11.3182



24.0229, 19.2964, 51.8120

Square

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



11.1949, 19.2964, 11.3182



14.5378, 19.2964, 55.1355



28.0198, 19.2964, 35.0797



22.7548, 19.2964, 5.0239

Rectangle

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



11.1949, 19.2964, 11.3182



11.0806, 19.2964, 33.7201



28.0198, 19.2964, 35.0797



28.2317, 19.2964, 11.9787

Sweetspot

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



11.1954, 19.2972, 11.3186



32.8948, 40.7813, 38.8545



12.8885, 20.3301, 4.1649



7.3260, 9.2724, 8.6624



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.



11.1954, 19.2972, 11.3186



18.5947, 33.8976, 16.1262



14.2944, 20.5368, 27.6375



5.0711, 5.6479, 5.8952



9.3599, 17.0765, 8.1857



0.0696, 0.1164, 0.0933

Inverse Universe

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



12.4811, 6.7789, 8.4366



20.9861, 10.6600, 10.8000



11.1711, 6.2549, 1.5386



5.1286, 5.0869, 5.7655



10.5680, 5.3373, 5.4955



0.0776, 0.0384, 0.0753

Previews

White Background



This preview shows how the XYZ color 11.1949, 19.2964, 11.3182 looks on a white background.

Color Contrast Check

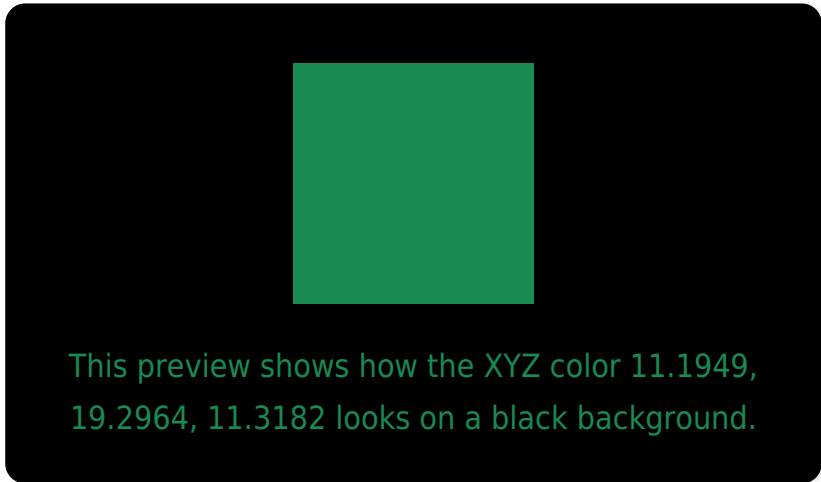
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1949, 19.2964, 11.3182

Background



This preview shows how black text looks on a background with the XYZ color 11.1949, 19.2964, 11.3182.



This preview shows how white text looks on a background with the XYZ color 11.1949, 19.2964,

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

11.1949, 19.2964, 11.3182

Protanopia

17.6576, 19.1021, 9.5939

Deuteranopia

19.3345, 19.0350, 11.8876



Tritanopia

14.7847, 19.2979, 28.9322

Trichromacy



Original Color

11.1949, 19.2964, 11.3182

Protanomaly

13.6447, 18.3300, 10.2160

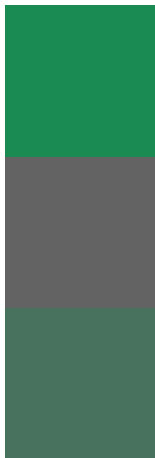
Deuteranomaly

14.1429, 17.7965, 11.4938

Tritanomaly

13.1539, 19.2439, 21.1103

Monochromacy



Original Color

11.1949, 19.2964, 11.3182

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

10.6656, 14.2027, 12.5352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1949, 19.2964, 11.3182 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(25, 139, 83)` looks like.

```
.text, #text, p{  
    color:rgb(25, 139, 83)  
}
```

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(25, 139, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 139, 83) }
```

Border

The CSS property to change the border of an element to XYZ 11.1949, 19.2964, 11.3182 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(25, 139, 83) }
```


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

```
.border{ border-color:rgb(25, 139, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 139, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 139, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 139, 83);  
box-shadow:4px 4px 4px 4px rgb(25, 139,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1949, 19.2964, 11.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 139, 83) }
```

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

```
.background{ background-color: rgb(25, 139,  
83) }
```

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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