

Converting Colors

XYZ(11.0681, 18.3984, 8.2489)

Have a look what the booklet for
XYZ(11.0681, 18.3984, 8.2489)
contains.

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Color

**XYZ(11.0933, 18.4633,
8.2893)**

Conversions

Conversions Part 1

Format	Color
Hex	348743
RGB	52, 135, 67
RGB Percent	20%, 53%, 26%
CMY	0.7961, 0.4706, 0.7372
CMYK	0.61, 0.00, 0.50, 0.47
HSL	131°, 44%, 37%
HSV	131°, 61%, 53%
XYZ	11.0933, 18.4633, 8.2893
YIQ	102.4310, -27.6400, -38.7440

Conversions

Conversions Part 2

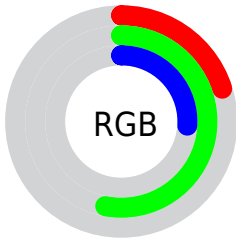
Format	Color
RYB	52, 122, 135
Decimal	3442499
CIELab	50.05, -40.36, 29.12
CIELCh	50, 49.771, 144.191
Yxy	18.4633, 0.2931, 0.4879
Android (android.graphics.Color)	4281632579 (0xFF348743)
YUV	102.4310, -17.4675, -44.2280
Hunter-Lab	42.9689, -29.1123, 18.6404

Details

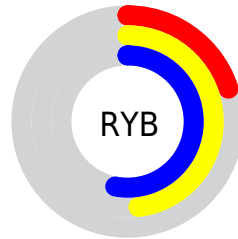
The XYZ color **11.0933, 18.4633, 8.2893** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.6104, 8.9633, 18.7299**, and the grayscale version is **12.7923, 13.4585, 14.6563**.

A 20% lighter version of the original color is **27.4134, 40.7819, 22.9499**, and **3.2966, 6.3912, 1.7217** is the 20% darker color. If you saturate the color by 10%, you get **10.1947, 18.0353, 6.6777**, and if you desaturate by 10%, it is **12.2550, 19.0207, 10.2449**.

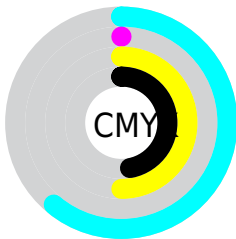
Distribution



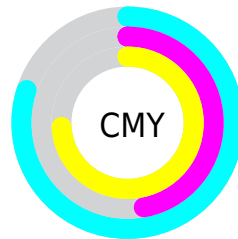
- Red (20%)
- Green (53%)
- Blue (26%)



- Red (20%)
- Yellow (48%)
- Blue (53%)



- Cyan (61%)
- Magenta (0%)
- Yellow (50%)
- Black (47%)



- Cyan (80%)
- Magenta (47%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0933, 18.4633, 8.2893 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 11.0933, 18.4633, 8.2893 by changing the saturation by 10% instead.

■ 11.0933, 18.4633,
8.2893

■ 11.0933, 18.4633,
8.2893

192.2016,
243.4696, 188.0024

■ 6.1974, 11.2831,
4.1902

■ 27.4640, 40.8252,
23.0791

■ 3.0073, 6.2576,
1.7303

■ 39.6695, 56.7757,
34.6069

■ 1.1576, 3.0023,
0.3813

■ 55.0422, 76.4185,
49.4481

■ 0.0725, 1.1330,
0.0000

■ 73.9475, 100.1379,
68.0210

■ 0.0000, 0.0059,
0.0000

■ 96.7507, 128.3183,
90.7444

■ 0.0000, 0.0000,
0.0000

■ 123.8172,

161.3441, 118.0368

155.5124,
199.5998, 150.3166

■ 11.0933, 18.4633,
8.2893

■ 11.0933, 18.4633,
8.2893

■ 10.1947, 18.0353,
6.6777

■ 12.2550, 19.0207,
10.2449

■ 9.5366, 17.7239,
5.3891

■ 13.6973, 19.7144,
12.5616

■ 9.0952, 17.5178,
4.4018

■ 15.4374, 20.5536,
15.2567

■ 8.8334, 17.3963,
3.7783

■ 17.4911, 21.5461,
18.3462

■ 19.8730, 22.6990,
21.8451

■ 22.5965, 24.0190,
25.7676

■ 25.6746, 25.5125,
30.1272

■ 29.1194, 27.1855,
34.9369

■ 32.9426, 29.0437,
40.2089

Harmonies

Analogous

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



14.0412, 18.4633, 4.3717



11.0933, 18.4633, 8.2893



9.8929, 18.4633, 17.5521

Triad

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



11.0933, 18.4633, 8.2893



16.6338, 18.4633, 59.3788



27.3537, 18.4633, 11.1213

Complementary

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



11.0933, 18.4633, 8.2893



14.6104, 8.9633, 18.7299

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.



28.3895, 18.4633, 22.8906



11.0933, 18.4633, 8.2893



21.5968, 18.4633, 55.0045

Square

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



11.0933, 18.4633, 8.2893



12.6961, 18.4633, 49.9495



26.1205, 18.4633, 39.8038



23.5029, 18.4633, 5.4090

Rectangle

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



11.0933, 18.4633, 8.2893



10.0531, 18.4633, 27.2823



26.1205, 18.4633, 39.8038



28.0688, 18.4633, 14.3092

Sweetspot

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



11.0938, 18.4641, 8.2897



32.5712, 39.1876, 34.7027



17.1931, 21.6538, 6.5224



7.2994, 8.9575, 7.6761



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.0938, 18.4641, 8.2897



17.7137, 32.0392, 10.9262



12.7521, 19.1274, 17.0225



4.6482, 5.2175, 5.1584



8.1490, 16.0425, 3.5043



0.0302, 0.0564, 0.0225

Inverse Universe

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



14.6104, 8.9633, 18.7299



24.5622, 13.4393, 31.1852



12.6559, 8.1815, 8.4375



4.8227, 4.7488, 5.6789



11.8436, 5.8018, 14.2807



0.0434, 0.0210, 0.0618

Previews

White Background



This preview shows how the XYZ color 11.0933, 18.4633, 8.2893 looks on a white background.

Color Contrast Check

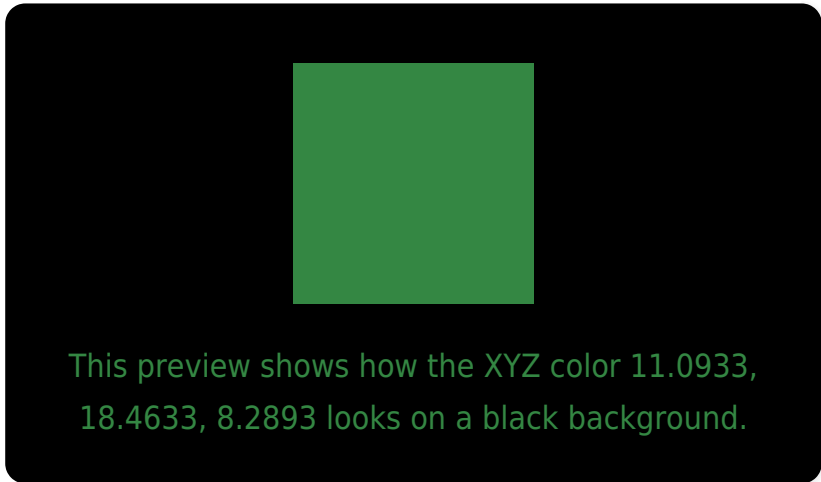
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0933, 18.4633, 8.2893

Background



This preview shows how black text looks on a background with the XYZ color 11.0933, 18.4633, 8.2893.



This preview shows how white text looks on a background with the XYZ color 11.0933, 18.4633,

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

11.0933, 18.4633, 8.2893

Protanopia

16.6808, 18.1191, 7.0330

Deuteranopia

18.4354, 18.1309, 8.8313



Tritanopia

14.7754, 18.3533, 26.8086

Trichromacy



Original Color

11.0933, 18.4633, 8.2893

Protanomaly

13.5843, 17.5990, 7.3836

Deuteranomaly

14.4051, 17.4447, 8.5692

Tritanomaly

13.0216, 18.2251, 18.1607

Monochromacy



Original Color

11.0933, 18.4633, 8.2893

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.4766, 14.6407, 11.6723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0933, 18.4633, 8.2893 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(52, 135, 67)` looks like.

```
.text, #text, p{  
    color:rgb(52, 135, 67)  
}
```

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(52, 135, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 135, 67) }
```

Border

The CSS property to change the border of an element to XYZ 11.0933, 18.4633, 8.2893 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(52, 135, 67) }
```


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

```
.border{ border-color:rgb(52, 135, 67) }
```

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

Here you see how a box with a 4 pixel rgb(52, 135, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 135, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 135, 67);  
box-shadow:4px 4px 4px 4px rgb(52, 135,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0933, 18.4633, 8.2893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 135, 67) }
```

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

```
.background{ background-color: rgb(52, 135,  
67) }
```

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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