

Converting Colors

XYZ(11.2096, 18.6469, 15.2037)

Have a look what the booklet for
XYZ(11.2096, 18.6469, 15.2037)
contains.

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Color

**XYZ(11.1907, 18.5673,
15.3059)**

Conversions

Conversions Part 1

Format	Color
Hex	038865
RGB	3, 136, 101
RGB Percent	1%, 53%, 40%
CMY	0.9882, 0.4667, 0.6039
CMYK	0.98, 0.00, 0.26, 0.47
HSL	164°, 96%, 27%
HSV	164°, 98%, 53%
XYZ	11.1907, 18.5673, 15.3059
YIQ	92.2430, -68.0330, -39.0810

Conversions

Conversions Part 2

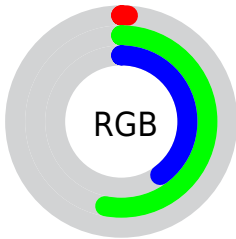
Format	Color
RYB	3, 80, 136
Decimal	231525
CIELab	50.18, -40.18, 10.11
CIELCh	50, 41.435, 165.881
Yxy	18.5673, 0.2483, 0.4120
Android (android.graphics.Color)	4278421605 (0xFF038865)
YUV	92.2430, 4.3172, -78.2661
Hunter-Lab	43.0898, -29.0495, 9.1025

Details

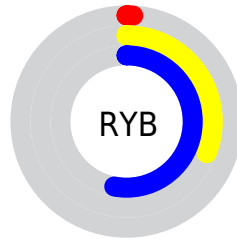
The XYZ color **11.1907, 18.5673, 15.3059** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10.5365, 5.4398, 2.3295**, and the grayscale version is **10.2314, 10.7642, 11.7222**.

A 20% lighter version of the original color is **27.5606, 40.8877, 36.1453**, and **3.9144, 6.7633, 4.5892** is the 20% darker color. If you saturate the color by 10%, you get **11.1148, 18.5331, 15.1010**, and if you desaturate by 10%, it is **11.5571, 18.7359, 16.2591**.

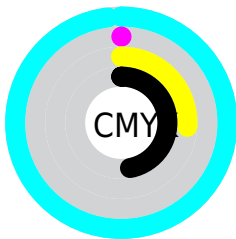
Distribution



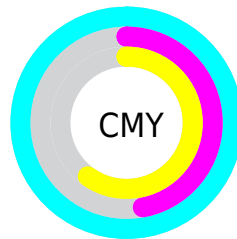
- Red (1%)
- Green (53%)
- Blue (40%)



- Red (1%)
- Yellow (31%)
- Blue (53%)



- Cyan (98%)
- Magenta (0%)
- Yellow (26%)
- Black (47%)



- Cyan (99%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1907, 18.5673, 15.3059 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 11.1907, 18.5673, 15.3059 by changing the saturation by 10% instead.

■ 11.1907, 18.5673,
15.3059

■ 11.1907, 18.5673,
15.3059

192.8526,
244.0495, 236.9146

■ 6.2635, 11.3580,
8.8854

■ 27.6421, 41.0016,
36.1388

■ 3.0481, 6.3082,
4.5707

■ 39.8970, 56.9955,
51.3882

■ 1.1793, 3.0334,
1.9434

■ 55.3252, 76.6864,
70.4177

■ 0.0899, 1.1492,
0.5201

■ 74.2920, 100.4587,
93.6457

■ 0.0000, 0.0196,
0.0000

■ 97.1628, 128.6967,
121.4909

■ 0.0000, 0.0000,
0.0000

■ 124.3029,

161.7849, 154.3718

156.0777,
200.1077, 192.7068

■ 11.1907, 18.5673,
15.3059

■ 11.1907, 18.5673,
15.3059

■ 11.1148, 18.5331,
15.1010

■ 11.5571, 18.7359,
16.2591

■ 12.0614, 18.9743,
17.2587

■ 12.7453, 19.3044,
18.3076

■ 13.6283, 19.7362,
19.4071

■ 14.7276, 20.2785,
20.5586

■ 16.0583, 20.9392,
21.7631

■ 17.6341, 21.7254,
23.0219

■ 19.4677, 22.6435,
24.3358

■ 21.5710, 23.6996,
25.7060

Harmonies

Analogous

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



12.6823, 18.5673, 8.4334



11.1907, 18.5673, 15.3059



11.2360, 18.5673, 26.8626

Triad

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



11.1907, 18.5673, 15.3059



19.8370, 18.5673, 49.6625



23.5611, 18.5673, 8.1687

Complementary

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



11.1907, 18.5673, 15.3059



10.5365, 5.4398, 2.3295

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.



26.1264, 18.5673, 14.7686



11.1907, 18.5673, 15.3059



23.7645, 18.5673, 39.7524

Square

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



11.1907, 18.5673, 15.3059



15.8374, 18.5673, 49.9825



26.2060, 18.5673, 26.0792



19.5909, 18.5673, 5.4962

Rectangle

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



11.1907, 18.5673, 15.3059



12.1211, 18.5673, 36.0686



26.2060, 18.5673, 26.0792



24.6410, 18.5673, 9.8601

Sweetspot

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



11.1912, 18.5680, 15.3063



30.5300, 38.0126, 40.1537



9.6380, 18.0368, 3.0599



6.8251, 8.6809, 9.1061



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.



11.1912, 18.5680, 15.3063



19.5208, 32.6332, 26.2635



9.5304, 11.8944, 25.0870



5.1176, 5.6665, 6.1402



10.5234, 17.5419, 14.3128



0.0759, 0.1189, 0.1269

Inverse Universe

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



10.5365, 5.4398, 2.3295



18.3924, 9.4240, 3.4663



10.7435, 6.3875, 0.7532



5.0834, 5.0688, 5.5277



9.9117, 5.0748, 2.0393



0.0712, 0.0359, 0.0417

Previews

White Background



This preview shows how the XYZ color 11.1907, 18.5673, 15.3059 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 11.1907, 18.5673, 15.3059 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 11.1907, 18.5673, 15.3059

Background



This preview shows how black text looks on a background with the XYZ color 11.1907, 18.5673, 15.3059.



This preview shows how white text looks on a background with the XYZ color 11.1907, 18.5673,

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

11.1907, 18.5673, 15.3059

Protanopia

17.3250, 18.4960, 13.0129

Deuteranopia

18.7239, 18.4530, 16.2106



Tritanopia

13.9627, 18.6912, 28.0711

Trichromacy



Original Color

11.1907, 18.5673, 15.3059

Protanomaly

12.9246, 17.3056, 13.7254

Deuteranomaly

13.5121, 17.1916, 15.7029

Tritanomaly

12.6601, 18.5426, 22.6505

Monochromacy



Original Color

11.1907, 18.5673, 15.3059

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

9.2916, 12.5120, 12.7518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1907, 18.5673, 15.3059 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(3, 136, 101)` looks like.

```
.text, #text, p{  
    color:rgb(3, 136, 101)  
}
```

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(3, 136, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 136, 101) }
```

Border

The CSS property to change the border of an element to XYZ 11.1907, 18.5673, 15.3059 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(3, 136, 101) }
```


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

```
.border{ border-color:rgb(3, 136, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 136, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 136, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 136, 101);  
box-shadow:4px 4px 4px 4px rgb(3, 136,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1907, 18.5673, 15.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 136, 101) }
```

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

```
.background{ background-color: rgb(3, 136,  
101) }
```

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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