

Converting Colors

XYZ(10.9902, 18.6507, 5.5481)

Have a look what the booklet for
XYZ(10.9902, 18.6507, 5.5481)
contains.

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Color

**XYZ(11.0227, 18.6973,
5.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	3A882D
RGB	58, 136, 45
RGB Percent	23%, 53%, 18%
CMY	0.7726, 0.4667, 0.8235
CMYK	0.57, 0.00, 0.67, 0.47
HSL	111°, 50%, 35%
HSV	111°, 67%, 53%
XYZ	11.0227, 18.6973, 5.5106
YIQ	102.3040, -17.2770, -44.8370

Conversions

Conversions Part 2

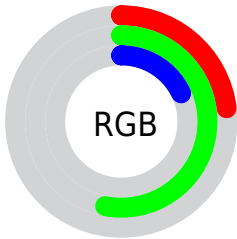
Format	Color
RYB	45, 136, 123
Decimal	3835949
CIELab	50.33, -42.08, 40.38
CIElCh	50, 58.324, 136.178
Yxy	18.6973, 0.3129, 0.5307
Android (android.graphics.Color)	4282026029 (0xFF3A882D)
YUV	102.3040, -28.2509, -38.8546
Hunter-Lab	43.2404, -30.1680, 22.7123

Details

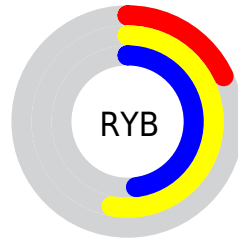
The XYZ color **11.0227, 18.6973, 5.5106** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **13.5518, 7.8660, 24.0976**, and the grayscale version is **12.7843, 13.4501, 14.6471**.

A 20% lighter version of the original color is **27.2891, 41.1638, 17.3336**, and **3.2485, 6.4970, 1.0828** is the 20% darker color. If you saturate the color by 10%, you get **10.1994, 18.2990, 4.3188**, and if you desaturate by 10%, it is **12.0848, 19.2101, 7.1549**.

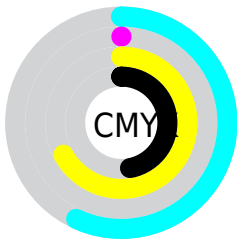
Distribution



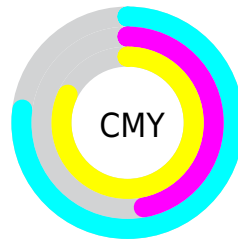
- Red (23%)
- Green (53%)
- Blue (18%)



- Red (18%)
- Yellow (53%)
- Blue (48%)



- Cyan (57%)
- Magenta (0%)
- Yellow (67%)
- Black (47%)





- Cyan (77%)
- Magenta (47%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.0227, 18.6973, 5.5106 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 11.0227, 18.6973, 5.5106 by changing the saturation by 10% instead.


 11.0227, 18.6973,
5.5106


 11.0227, 18.6973,
5.5106


191.7283,
244.7726, 163.7717


 6.1495, 11.4518,
2.4859


 27.3347, 41.2220,
17.3661


 2.9777, 6.3716,
0.8327


 39.5043, 57.2699,
27.0340


 1.1420, 3.0723,
0.0000

 54.8366, 77.0207,
39.7534

 0.0598, 1.1696,
0.0000

 73.6972, 100.8589,
55.9428

 0.0000, 0.0367,
0.0000

 96.4512, 129.1688,
76.0208

 0.0000, 0.0000,
0.0000

 123.4642,

162.3347, 100.4060

155.1015,
200.7412, 129.5167

■ 11.0227, 18.6973,
5.5106

■ 11.0227, 18.6973,
5.5106

■ 10.1994, 18.2990,
4.3188

■ 12.0848, 19.2101,
7.1549

■ 9.5946, 18.0039,
3.5332

■ 13.4013, 19.8429,
9.2895

■ 9.1815, 17.8008,
3.0726

■ 14.9878, 20.6036,
11.9496

■ 9.0815, 17.7518,
2.9478

■ 16.8585, 21.4986,
15.1670

■ 19.0263, 22.5343,
18.9708

■ 21.5036, 23.7161,
23.3881

■ 24.3020, 25.0497,
28.4444

■ 27.4323, 26.5401,
34.1637

■ 30.9050, 28.1922,
40.5687

Harmonies

Analogous

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



14.9100, 18.6973, 2.7038



11.0227, 18.6973, 5.5106



9.1643, 18.6973, 13.7867

Triad

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



11.0227, 18.6973, 5.5106



15.2975, 18.6973, 68.0539



30.3963, 18.6973, 12.8546

Complementary

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



11.0227, 18.6973, 5.5106



13.5518, 7.8660, 24.0976

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.



30.5621, 18.6973, 28.7429



11.0227, 18.6973, 5.5106



20.9769, 18.6973, 67.3156

Square

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



11.0227, 18.6973, 5.5106



11.2543, 18.6973, 52.1137



26.8295, 18.6973, 50.4375



26.4156, 18.6973, 5.1403

Rectangle

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



11.0227, 18.6973, 5.5106



9.0033, 18.6973, 23.8975



26.8295, 18.6973, 50.4375



30.9249, 18.6973, 17.1868

Sweetspot

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



11.0231, 18.6981, 5.5110



32.1214, 39.0384, 30.9480



17.6304, 19.4298, 5.3040



7.2218, 8.9371, 6.7861



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.



11.0231, 18.6981, 5.5110



17.4134, 31.9741, 6.8588



11.2212, 18.7008, 10.0121



5.0340, 5.6403, 5.3758



8.6002, 16.8036, 2.7901



0.0645, 0.1154, 0.0189

Inverse Universe

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



13.5518, 7.8660, 24.0976



22.1187, 11.3985, 42.0827



13.5987, 8.1140, 13.9868



5.1649, 5.0934, 6.3168



11.1016, 5.2372, 22.4714



0.0827, 0.0394, 0.1497

Previews

White Background



This preview shows how the XYZ color 11.0227, 18.6973, 5.5106 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 11.0227, 18.6973, 5.5106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

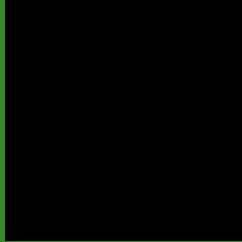
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0227, 18.6973, 5.5106

Background



This preview shows how black text looks on a background with the XYZ color 11.0227, 18.6973, 5.5106.



This preview shows how white text looks on a background with the XYZ color 11.0227, 18.6973,

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

11.0227, 18.6973, 5.5106

Protanopia

16.6527, 18.3334, 4.6685

Deuteranopia

18.7377, 18.3541, 5.8039



Tritanopia

15.2466, 18.6046, 26.4544

Trichromacy



Original Color

11.0227, 18.6973, 5.5106

Protanomaly

13.6954, 17.8986, 4.9234

Deuteranomaly

14.4620, 17.5413, 5.5293

Tritanomaly

13.0799, 18.3043, 15.9404

Monochromacy



Original Color

11.0227, 18.6973, 5.5106

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.3403, 14.6071, 10.0063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0227, 18.6973, 5.5106 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(58, 136, 45)` looks like.

```
.text, #text, p{  
    color:rgb(58, 136, 45)  
}
```

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(58, 136, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 136, 45) }
```

Border

The CSS property to change the border of an element to XYZ 11.0227, 18.6973, 5.5106 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(58, 136, 45) }
```


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

```
.border{ border-color:rgb(58, 136, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 136, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 136, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 136, 45);  
box-shadow:4px 4px 4px 4px rgb(58, 136,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0227, 18.6973, 5.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 136, 45) }
```

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

```
.background{ background-color: rgb(58, 136,  
45) }
```

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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