

Converting Colors

XYZ(11.0944, 19.4778, 4.6116)

Have a look what the booklet for
XYZ(11.0944, 19.4778, 4.6116)
contains.

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Color

**XYZ(11.0285, 19.3593,
4.5943)**

Conversions

Conversions Part 1

Format	Color
Hex	368B21
RGB	54, 139, 33
RGB Percent	21%, 55%, 13%
CMY	0.7882, 0.4549, 0.8706
CMYK	0.61, 0.00, 0.76, 0.45
HSL	108°, 62%, 34%
HSV	108°, 76%, 55%
XYZ	11.0285, 19.3593, 4.5943
YIQ	101.5010, -16.6340, -50.9860

Conversions

Conversions Part 2

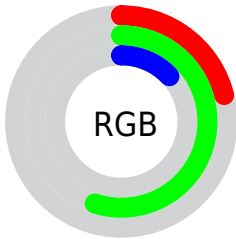
Format	Color
R_YB	33, 139, 118
Decimal	3574561
CIE Lab	51.10, -45.37, 46.07
CIE LCh	51, 64.662, 134.563
Yxy	19.3593, 0.3153, 0.5534
Android (android.graphics.Color)	4281764641 (0xFF368B21)
YUV	101.5010, -33.7710, -41.6584
Hunter-Lab	43.9992, -32.2572, 24.6085

Details

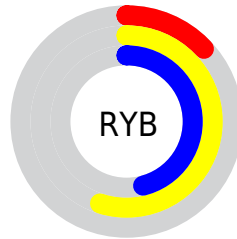
The XYZ color **11.0285, 19.3593, 4.5943** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **12.6763, 6.8040, 25.0723**, and the grayscale version is **12.5880, 13.2436, 14.4222**.

A 20% lighter version of the original color is **27.2652, 42.1753, 15.2980**, and **3.4897, 6.9794, 1.1632** is the 20% darker color. If you saturate the color by 10%, you get **10.3416, 19.0238, 3.7477**, and if you desaturate by 10%, it is **11.9339, 19.7993, 5.8719**.

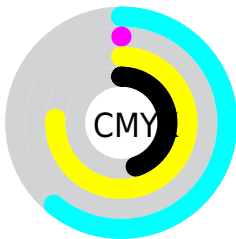
Distribution



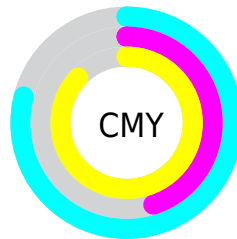
- Red (21%)
- Green (55%)
- Blue (13%)



- Red (13%)
- Yellow (55%)
- Blue (46%)



- Cyan (61%)
- Magenta (0%)
- Yellow (76%)
- Black (45%)





- Cyan (79%)
- Magenta (45%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0285, 19.3593, 4.5943 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 11.0285, 19.3593, 4.5943 by changing the saturation by 10% instead.


 11.0285, 19.3593,
4.5943


 11.0285, 19.3593,
4.5943


191.7672,
248.4252, 154.6182


 6.1534, 11.9302,
1.9567


 27.3453, 42.3404,
15.3587


 2.9802, 6.6962,
0.5285


 39.5178, 58.6611,
24.3227


 1.1433, 3.2728,
0.0000

 54.8535, 78.7145,
36.2324

 0.0609, 1.2758,
0.0000

 73.7177, 102.8849,
51.5066

 0.0000, 0.1223,
0.0000

 96.4759, 131.5568,
70.5638

 0.0000, 0.0000,
0.0000

 123.4933,

165.1146, 93.8224

155.1353,
203.9426, 121.7010

■ 11.0285, 19.3593,
4.5943

■ 11.0285, 19.3593,
4.5943

■ 10.3416, 19.0238,
3.7477

■ 11.9339, 19.7993,
5.8719

■ 9.8481, 18.7798,
3.2552

■ 13.0740, 20.3494,
7.6261

■ 9.6993, 18.7064,
3.0995

■ 14.4647, 21.0175,
9.8982

■ 16.1203, 21.8102,
12.7246

■ 18.0539, 22.7334,
16.1386

■ 20.2776, 23.7928,
20.1707

■ 22.8030, 24.9938,
24.8493

■ 25.6409, 26.3412,
30.2012

■ 28.8015, 27.8399,
36.2514

Harmonies

Analogous

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



15.4686, 19.3593, 2.0393



11.0285, 19.3593, 4.5943



8.8843, 19.3593, 13.0018

Triad

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



11.0285, 19.3593, 4.5943



15.3073, 19.3593, 76.7948



33.1152, 19.3593, 13.3826

Complementary

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



11.0285, 19.3593, 4.5943



12.6763, 6.8040, 25.0723

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.



33.0432, 19.3593, 31.9551



11.0285, 19.3593, 4.5943



21.6811, 19.3593, 77.1255

Square

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



11.0285, 19.3593, 4.5943



10.9342, 19.3593, 56.8753



28.4891, 19.3593, 57.6172



28.6675, 19.3593, 4.7337

Rectangle

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



11.0285, 19.3593, 4.5943



8.6367, 19.3593, 24.0176



28.4891, 19.3593, 57.6172



33.6468, 19.3593, 18.3904

Sweetspot

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



11.0290, 19.3601, 4.5947



33.3750, 41.2081, 30.7778



17.3777, 18.5095, 4.0959



7.4084, 9.3609, 6.5855



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.



11.0290, 19.3601, 4.5947



17.8111, 33.7169, 6.0022



10.8088, 19.1688, 8.1015



5.0584, 5.6529, 5.3769



8.7657, 16.8889, 2.7979



0.0680, 0.1172, 0.0190

Inverse Universe

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



12.6763, 6.8040, 25.0723



20.7319, 9.9665, 44.5740



13.8564, 7.6429, 14.7109



5.1385, 5.0798, 6.3155



10.1896, 4.7670, 22.4288



0.0791, 0.0376, 0.1495

Previews

White Background



This preview shows how the XYZ color 11.0285, 19.3593, 4.5943 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 11.0285, 19.3593, 4.5943 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 11.0285, 19.3593, 4.5943

Background



This preview shows how black text looks on a background with the XYZ color 11.0285, 19.3593, 4.5943.



This preview shows how white text looks on a background with the XYZ color 11.0285, 19.3593,

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

11.0285, 19.3593, 4.5943

Protanopia

17.2003, 18.9928, 3.8580

Deuteranopia

19.3293, 19.0152, 4.9370



Tritanopia

15.6967, 19.3952, 27.7273

Trichromacy



Original Color

11.0285, 19.3593, 4.5943

Protanomaly

13.8974, 18.5963, 4.0853

Deuteranomaly

14.7763, 18.2748, 4.6680

Tritanomaly

13.1204, 18.9436, 15.2769

Monochromacy



Original Color

11.0285, 19.3593, 4.5943

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.2166, 14.7286, 9.2729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0285, 19.3593, 4.5943 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(54, 139, 33)` looks like.

```
.text, #text, p{  
    color:rgb(54, 139, 33)  
}
```

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(54, 139, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 139, 33) }
```

Border

The CSS property to change the border of an element to XYZ 11.0285, 19.3593, 4.5943 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(54, 139, 33) }
```


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

```
.border{ border-color:rgb(54, 139, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 139, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 139, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 139, 33);  
box-shadow:4px 4px 4px 4px rgb(54, 139,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0285, 19.3593, 4.5943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 139, 33) }
```

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

```
.background{ background-color: rgb(54, 139,  
33) }
```

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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