

Converting Colors

XYZ(11.5329, 19.3853, 15.1905)

Have a look what the booklet for
XYZ(11.5329, 19.3853, 15.1905)
contains.

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Color

**XYZ(11.5329, 19.3853,
15.1905)**

Conversions

Conversions Part 1

Format	Color
Hex	008B64
RGB	0, 139, 100
RGB Percent	0%, 55%, 39%
CMY	0.9999, 0.4549, 0.6078
CMYK	1.00, 0.00, 0.28, 0.45
HSL	163°, 100%, 27%
HSV	163°, 100%, 55%
XYZ	11.5329, 19.3853, 15.1905
YIQ	92.9930, -70.3250, -41.5970

Conversions

Conversions Part 2

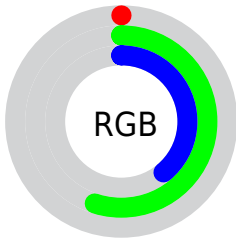
Format	Color
RYB	0, 81, 139
Decimal	35684
CIELab	51.13, -41.84, 12.02
CIELCh	51, 43.532, 163.970
Yxy	19.3853, 0.2501, 0.4204
Android (android.graphics.Color)	4278225764 (0xFF008B64)
YUV	92.9930, 3.4545, -81.5549
Hunter-Lab	44.0287, -30.2940, 10.3643

Details

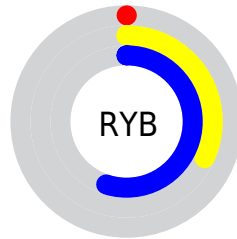
The XYZ color **11.5329, 19.3853, 15.1905** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11.0144, 5.6361, 2.4281**, and the grayscale version is **10.4080, 10.9501, 11.9246**.

A 20% lighter version of the original color is **28.1356, 42.1681, 35.9345**, and **4.1323, 7.2365, 4.5471** is the 20% darker color. If you saturate the color by 10%, you get **11.5330, 19.3859, 15.1899**, and if you desaturate by 10%, it is **11.9064, 19.5560, 16.2177**.

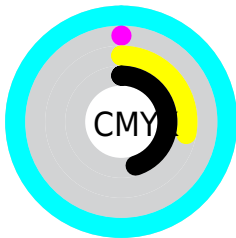
Distribution



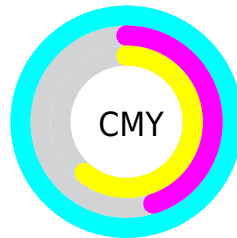
- Red (0%)
- Green (55%)
- Blue (39%)



- Red (0%)
- Yellow (32%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (45%)





- Cyan (100%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.5329, 19.3853, 15.1905 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 11.5329, 19.3853, 15.1905 by changing the saturation by 10% instead.


 11.5329, 19.3853,
15.1905


 11.5329, 19.3853,
15.1905

195.1217,
248.5677, 236.1968


 6.4964, 11.9490,
8.8051


 28.2658, 42.3842,
35.9340


 3.1927, 6.7090,
4.5192


 40.6928, 58.7155,
51.1293


 1.2565, 3.2808,
1.9143

 56.3142, 78.7807,
70.0982

 0.1503, 1.2800,
0.5018

 75.4951, 102.9641,
93.2593

 0.0000, 0.1256,
0.0000

 98.6009, 131.6501,
121.0311

 0.0000, 0.0000,
0.0000

 125.9971,

165.2231, 153.8323

158.0489,
204.0675, 192.0813

■ 11.5329, 19.3853,
15.1905

■ 11.5329, 19.3853,
15.1905

■ 11.5330, 19.3859,
15.1899

■ 11.9064, 19.5560,
16.2177

■ 12.4030, 19.7886,
17.2981

■ 13.0843, 20.1153,
18.4357

■ 13.9718, 20.5473,
19.6319

■ 15.0840, 21.0940,
20.8884

■ 16.4375, 21.7640,
22.2064

■ 18.0471, 22.5649,
23.5873

■ 19.9264, 23.5037,
25.0322

■ 22.0880, 24.5868,
26.5423

Harmonies

Analogous

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



13.2339, 19.3853, 8.1884



11.5329, 19.3853, 15.1905



11.4764, 19.3853, 27.3944

Triad

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



11.5329, 19.3853, 15.1905



20.5064, 19.3853, 53.6782



25.0811, 19.3853, 8.5146

Complementary

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



11.5329, 19.3853, 15.1905



11.0144, 5.6361, 2.4281

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.



27.7300, 19.3853, 15.8642



11.5329, 19.3853, 15.1905



24.8224, 19.3853, 43.3045

Square

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



11.5329, 19.3853, 15.1905



16.2230, 19.3853, 53.2665



27.6285, 19.3853, 28.3900



20.8180, 19.3853, 5.4952

Rectangle

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



11.5329, 19.3853, 15.1905



12.3535, 19.3853, 37.4063



27.6285, 19.3853, 28.3900



26.2175, 19.3853, 10.4010

Sweetspot

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



11.5334, 19.3861, 15.1910



32.1124, 40.3060, 42.0719



10.0847, 18.9049, 3.1179



7.1419, 9.1592, 9.4796



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.



11.5334, 19.3861, 15.1910



20.5799, 34.6864, 26.8163



10.1173, 12.7777, 26.3600



5.1140, 5.6651, 6.1212



10.4163, 17.4991, 13.7487



0.0755, 0.1188, 0.1243

Inverse Universe

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



11.0144, 5.6361, 2.4281



19.6610, 10.0671, 4.0162



11.1154, 6.4243, 0.6546



5.0868, 5.0702, 5.5457



9.9470, 5.0889, 2.2255



0.0717, 0.0360, 0.0443

Previews

White Background



This preview shows how the XYZ color 11.5329, 19.3853, 15.1905 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 11.5329, 19.3853, 15.1905 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 11.5329, 19.3853, 15.1905

Background



This preview shows how black text looks on a background with the XYZ color 11.5329, 19.3853, 15.1905.



This preview shows how white text looks on a background with the XYZ color 11.5329, 19.3853,

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

11.5329, 19.3853, 15.1905

Protanopia

17.9751, 19.1933, 12.8825

Deuteranopia

19.5586, 19.2315, 16.0458



Tritanopia

14.5483, 19.3695, 29.3575

Trichromacy



Original Color

11.5329, 19.3853, 15.1905

Protanomaly

13.3520, 18.1036, 13.6171

Deuteranomaly

13.8063, 17.7212, 15.5248

Tritanomaly

13.0669, 19.1477, 23.4292

Monochromacy



Original Color

11.5329, 19.3853, 15.1905

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

9.4909, 12.9262, 13.0611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5329, 19.3853, 15.1905 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(0, 139, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 100)  
}
```

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(0, 139, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 100) }
```

Border

The CSS property to change the border of an element to XYZ 11.5329, 19.3853, 15.1905 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(0, 139, 100) }
```


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

```
.border{ border-color:rgb(0, 139, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 139, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5329, 19.3853, 15.1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 100) }
```

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

```
.background{ background-color: rgb(0, 139,  
100) }
```

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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