

Converting Colors

XYZ(11.5596, 20.4466, 7.6260)

Have a look what the booklet for
XYZ(11.5596, 20.4466, 7.6260)
contains.

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Color

**XYZ(11.5525, 20.4426,
7.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	298F3C
RGB	41, 143, 60
RGB Percent	16%, 56%, 24%
CMY	0.8392, 0.4392, 0.7647
CMYK	0.71, 0.00, 0.58, 0.44
HSL	131°, 55%, 36%
HSV	131°, 71%, 56%
XYZ	11.5525, 20.4426, 7.6119
YIQ	103.0400, -34.1490, -47.4370

Conversions

Conversions Part 2

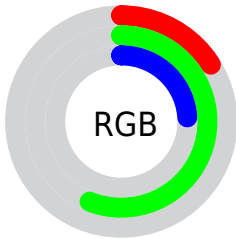
Format	Color
R_{YB}	41, 127, 143
Decimal	2723644
CIE _{Lab}	52.33, -46.87, 35.43
CIE _{LCh}	52, 58.751, 142.914
Yxy	20.4426, 0.2917, 0.5161
Android (android.graphics.Color)	4280913724 (0xFF298F3C)
YUV	103.0400, -21.2187, -54.4091
Hunter-Lab	45.2135, -33.5151, 21.6677

Details

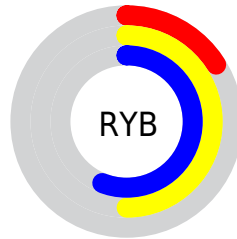
The XYZ color **11.5525, 20.4426, 7.6119** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **15.7592, 8.8810, 19.9525**, and the grayscale version is **12.9639, 13.6391, 14.8530**.

A 20% lighter version of the original color is **28.3754, 44.2807, 21.8033**, and **3.7904, 7.5019, 1.5067** is the 20% darker color. If you saturate the color by 10%, you get **10.8081, 20.0911, 6.1444**, and if you desaturate by 10%, it is **12.5729, 20.9297, 9.4464**.

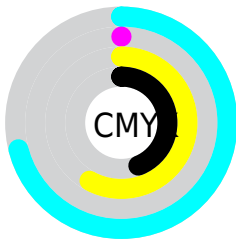
Distribution



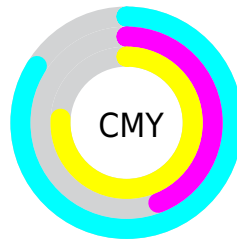
- Red (16%)
- Green (56%)
- Blue (24%)



- Red (16%)
- Yellow (50%)
- Blue (56%)



- Cyan (71%)
- Magenta (0%)
- Yellow (58%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5525, 20.4426, 7.6119 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 11.5525, 20.4426, 7.6119 by changing the saturation by 10% instead.

■ 11.5525, 20.4426,
7.6119

■ 11.5525, 20.4426,
7.6119

195.2508,
254.3012, 182.4749

■ 6.5098, 12.7172,
3.7634

■ 28.3014, 44.1580,
21.7275

■ 3.2010, 7.2341,
1.4965

■ 40.7383, 60.9168,
32.8317

■ 1.2609, 3.6089,
0.2153

■ 56.3706, 81.4554,
47.1916

■ 0.1537, 1.4573,
0.0000

■ 75.5636, 106.1584,
65.2257

■ 0.0000, 0.2584,
0.0000

■ 98.6828, 135.4101,
87.3525

■ 0.0000, 0.0000,
0.0000

■ 126.0935,

169.5948, 113.9906

158.1611,
209.0971, 145.5586

■ 11.5525, 20.4426,
7.6119

■ 11.5525, 20.4426,
7.6119

■ 10.8081, 20.0911,
6.1444

■ 12.5729, 20.9297,
9.4464

■ 10.3098, 19.8587,
5.0178

■ 13.8919, 21.5618,
11.6690

■ 10.0166, 19.7232,
4.2943

■ 15.5317, 22.3506,
14.3008

■ 17.5117, 23.3057,
17.3608

■ 19.8499, 24.4359,
20.8672

■ 22.5629, 25.7494,
24.8366

■ 25.6664, 27.2541,
29.2853

■ 29.1751, 28.9571,
34.2285

■ 33.1030, 30.8654,
39.6807

Harmonies

Analogous

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



15.2456, 20.4426, 3.5183



11.5525, 20.4426, 7.6119



10.0252, 20.4426, 18.3986

Triad

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



11.5525, 20.4426, 7.6119



18.0309, 20.4426, 74.3520



32.2275, 20.4426, 11.6479

Complementary

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



11.5525, 20.4426, 7.6119



15.7592, 8.8810, 19.9525

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.



33.4027, 20.4426, 26.6237



11.5525, 20.4426, 7.6119



24.3178, 20.4426, 69.1736

Square

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



11.5525, 20.4426, 7.6119



13.2285, 20.4426, 60.7900



30.2594, 20.4426, 48.9806



27.3182, 20.4426, 4.8609

Rectangle

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



11.5525, 20.4426, 7.6119



10.1578, 20.4426, 30.5608



30.2594, 20.4426, 48.9806



33.1089, 20.4426, 15.6150

Sweetspot

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



11.5530, 20.4434, 7.6124



35.4948, 43.7340, 37.2917



18.5790, 24.1135, 5.7730



7.8904, 9.9086, 8.1814



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



11.5530, 20.4434, 7.6124



18.7291, 35.6859, 9.6275



13.5902, 21.2583, 18.3400



5.3814, 6.0448, 5.9743



8.8623, 17.4408, 3.8291



0.0908, 0.1692, 0.0688

Inverse Universe

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



15.7592, 8.8810, 19.9525



26.6854, 13.6108, 32.8183



13.3337, 7.9108, 7.1799



5.5838, 5.4940, 6.5721



12.8288, 6.2885, 15.2816



0.1299, 0.0630, 0.1841

Previews

White Background



This preview shows how the XYZ color 11.5525, 20.4426, 7.6119 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 11.5525, 20.4426, 7.6119 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 11.5525, 20.4426, 7.6119

Background



This preview shows how black text looks on a background with the XYZ color 11.5525, 20.4426, 7.6119.



This preview shows how white text looks on a background with the XYZ color 11.5525, 20.4426,

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

11.5525, 20.4426, 7.6119

Protanopia

18.3547, 20.0849, 6.3994

Deuteranopia

20.4404, 20.0375, 8.1005



Tritanopia

16.0198, 20.3235, 29.8666

Trichromacy



Original Color

11.5525, 20.4426, 7.6119

Protanomaly

14.4236, 19.4017, 6.7261

Deuteranomaly

15.1969, 18.9937, 7.7157

Tritanomaly

13.7278, 20.0058, 19.0576

Monochromacy



Original Color

11.5525, 20.4426, 7.6119

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

11.5070, 15.3505, 11.3733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5525, 20.4426, 7.6119 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(41, 143, 60)` looks like.

```
.text, #text, p{  
    color:rgb(41, 143, 60)  
}
```

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(41, 143, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 143, 60) }
```

Border

The CSS property to change the border of an element to XYZ 11.5525, 20.4426, 7.6119 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(41, 143, 60) }
```


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

```
.border{ border-color:rgb(41, 143, 60) }
```

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

Here you see how a box with a 4 pixel rgb(41, 143, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 143, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 143, 60);  
box-shadow:4px 4px 4px 4px rgb(41, 143,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5525, 20.4426, 7.6119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 143, 60) }
```

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

```
.background{ background-color: rgb(41, 143,  
60) }
```

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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