

Converting Colors

XYZ(11.2653, 16.0535, 6.3758)

Have a look what the booklet for
XYZ(11.2653, 16.0535, 6.3758)
contains.

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Color

**XYZ(11.2653, 16.0535,
6.3758)**

Conversions

Conversions Part 1

Format	Color
Hex	537A39
RGB	83, 122, 57
RGB Percent	33%, 48%, 22%
CMY	0.6745, 0.5216, 0.7765
CMYK	0.32, 0.00, 0.53, 0.52
HSL	96°, 36%, 35%
HSV	96°, 53%, 48%
XYZ	11.2653, 16.0535, 6.3758
YIQ	102.9290, -2.3790, -28.4830

Conversions

Conversions Part 2

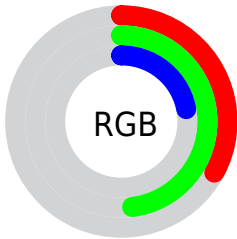
Format	Color
RYB	57, 122, 96
Decimal	5470777
CIELab	47.04, -26.14, 31.03
CIElCh	47, 40.574, 130.106
Yxy	16.0535, 0.3343, 0.4764
Android (android.graphics.Color)	4283660857 (0xFF537A39)
YUV	102.9290, -22.6430, -17.4777
Hunter-Lab	40.0668, -19.9294, 18.6120

Details

The XYZ color **11.2653, 16.0535, 6.3758** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.8007, 6.8188, 19.2129**, and the grayscale version is **12.9321, 13.6056, 14.8165**.

A 20% lighter version of the original color is **27.9232, 36.8514, 19.2770**, and **3.0915, 5.1249, 1.0847** is the 20% darker color. If you saturate the color by 10%, you get **10.3848, 15.6311, 4.9324**, and if you desaturate by 10%, it is **12.2880, 16.5417, 8.2084**.

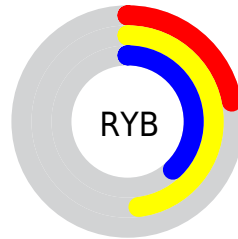
Distribution



Red (33%)

Green (48%)

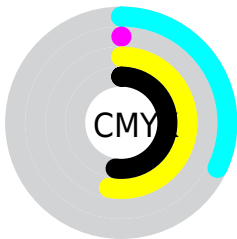
Blue (22%)



Red (22%)

Yellow (48%)

Blue (38%)

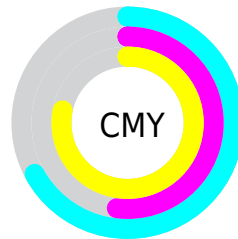


Cyan (32%)

Magenta (0%)

Yellow (53%)

Black (52%)



Cyan (67%)

Magenta (52%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2653, 16.0535, 6.3758 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 11.2653, 16.0535, 6.3758 by changing the saturation by 10% instead.

■ 11.2653, 16.0535,
6.3758

■ 11.2653, 16.0535,
6.3758

193.3497,
229.6572, 171.8006

■ 6.3142, 9.5620,
3.0024

■ 27.7783, 36.6911,
19.1970

■ 3.0795, 5.1095,
1.0959

■ 40.0710, 51.6059,
29.4820

■ 1.1960, 2.3117,
0.0000

■ 55.5415, 70.0974,
42.9079

■ 0.1032, 0.7799,
0.0000

■ 74.5552, 92.5498,
59.8933

■ 0.0000, 0.0000,
0.0000

■ 97.4776, 119.3476,
80.8567

■ 124.6738,

150.8752, 106.2167

156.5094,
187.5169, 136.3918

■ 11.2653, 16.0535,
6.3758

■ 11.2653, 16.0535,
6.3758

■ 10.3848, 15.6311,
4.9324

■ 12.2880, 16.5417,
8.2084

■ 9.6378, 15.2692,
3.8490

■ 13.4586, 17.0967,
10.4546

■ 9.0165, 14.9650,
3.0940

■ 14.7837, 17.7218,
13.1379

■ 8.5110, 14.7142,
2.6270

■ 16.2693, 18.4196,
16.2799

■ 8.2167, 14.5677,
2.3788

■ 17.9209, 19.1926,
19.9006

■ 19.7439, 20.0432,
24.0189

■ 21.7433, 20.9734,
28.6528

■ 23.9240, 21.9855,
33.8191

■ 26.2905, 23.0814,
39.5341

Harmonies

Analogous

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



14.0902, 16.0535, 4.4232



11.2653, 16.0535, 6.3758



9.6916, 16.0535, 11.6292

Triad

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



11.2653, 16.0535, 6.3758



13.0489, 16.0535, 43.1021



23.0246, 16.0535, 14.2648

Complementary

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



11.2653, 16.0535, 6.3758



9.8007, 6.8188, 19.2129

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.



22.6298, 16.0535, 25.0219



11.2653, 16.0535, 6.3758



16.4894, 16.0535, 44.6991

Square

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



11.2653, 16.0535, 6.3758



10.6051, 16.0535, 33.3648



20.0985, 16.0535, 37.1319



21.1056, 16.0535, 7.6589

Rectangle

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



11.2653, 16.0535, 6.3758



9.3934, 16.0535, 17.5159



20.0985, 16.0535, 37.1319



23.1644, 16.0535, 17.4432

Sweetspot

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



11.2657, 16.0542, 6.3761



27.7781, 32.0085, 26.8336



12.9481, 12.7994, 5.6592



6.2544, 7.2732, 5.9293



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.2657, 16.0542, 6.3761



17.9512, 27.3450, 8.1919



9.5587, 15.1542, 7.1978



4.0885, 4.5209, 4.2816



8.6414, 15.3320, 2.5039



40.3152, 72.6687, 11.9016

Inverse Universe

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



9.8007, 6.8188, 19.2129



15.0603, 9.2158, 33.3780



12.6132, 8.3136, 17.3117



4.0067, 4.0013, 5.0043



6.5982, 2.9743, 19.6116



30.4941, 13.6823, 93.5035

Previews

White Background



This preview shows how the XYZ color 11.2653, 16.0535, 6.3758 looks on a white 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

Black Background



This preview shows how the XYZ color 11.2653, 16.0535, 6.3758 looks on a black 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

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

XYZ 11.2653, 16.0535, 6.3758

Background



This preview shows how black text looks on a background with the XYZ color 11.2653, 16.0535, 6.3758.



This preview shows how white text looks on a background with the XYZ color 11.2653, 16.0535,

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

11.2653, 16.0535, 6.3758

Protanopia

14.5187, 15.8462, 5.7834

Deuteranopia

16.1497, 15.8792, 6.6287



Tritanopia

14.2830, 16.0439, 21.4128

Trichromacy



Original Color

11.2653, 16.0535, 6.3758

Protanomaly

13.0047, 15.7254, 5.9643

Deuteranomaly

13.9459, 15.6965, 6.5697

Tritanomaly

12.8985, 16.0008, 14.4652

Monochromacy



Original Color

11.2653, 16.0535, 6.3758

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.0795, 14.3105, 10.9297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2653, 16.0535, 6.3758 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(83, 122, 57)` looks like.

```
.text, #text, p{  
    color:rgb(83, 122, 57)  
}
```

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(83, 122, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 122, 57) }
```

Border

The CSS property to change the border of an element to XYZ 11.2653, 16.0535, 6.3758 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(83, 122, 57) }
```


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

```
.border{ border-color:rgb(83, 122, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 122, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 122, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 122, 57);  
box-shadow:4px 4px 4px 4px rgb(83, 122,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2653, 16.0535, 6.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 122, 57) }
```

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

```
.background{ background-color: rgb(83, 122,  
57) }
```

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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