

Converting Colors

XYZ(11.6262, 15.4627, 11.1746)

Have a look what the booklet for
XYZ(11.6262, 15.4627, 11.1746)
contains.

XYZ(11.6378, 15.4226, 11.1676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.6378, 15.4226,
11.1676)**

Conversions

Conversions Part 1

Format	Color
Hex	527656
RGB	82, 118, 86
RGB Percent	32%, 46%, 34%
CMY	0.6784, 0.5372, 0.6627
CMYK	0.31, 0.00, 0.27, 0.54
HSL	127°, 18%, 39%
HSV	127°, 31%, 46%
XYZ	11.6378, 15.4226, 11.1676
YIQ	103.5880, -11.1840, -17.5840

Conversions

Conversions Part 2

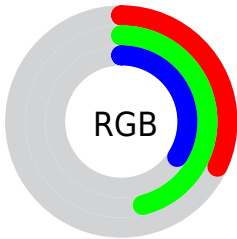
Format	Color
R_{YB}	82, 114, 118
Decimal	5404246
CIE _{Lab}	46.21, -19.85, 13.64
CIE _{LCh}	46, 24.085, 145.518
Yxy	15.4226, 0.3044, 0.4034
Android (android.graphics.Color)	4283594326 (0xFF527656)
YUV	103.5880, -8.6709, -18.9327
Hunter-Lab	39.2716, -15.8284, 10.6299

Details

The XYZ color **11.6378, 15.4226, 11.1676** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.5262, 11.1013, 17.3499**, and the grayscale version is **13.0729, 13.7538, 14.9778**.

A 20% lighter version of the original color is **28.3344, 35.4326, 28.6383**, and **3.2215, 4.7737, 2.8494** is the 20% darker color. If you saturate the color by 10%, you get **10.3066, 14.7821, 9.0589**, and if you desaturate by 10%, it is **13.2084, 16.1802, 13.6120**.

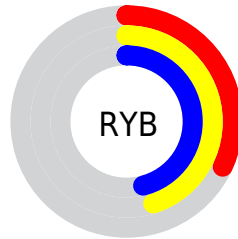
Distribution



Red (32%)

Green (46%)

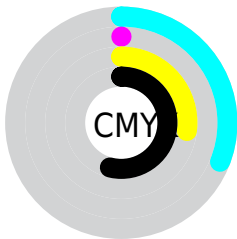
Blue (34%)



Red (32%)

Yellow (45%)

Blue (46%)

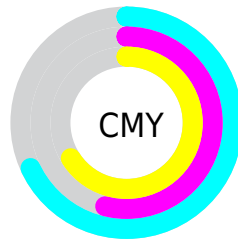


Cyan (31%)

Magenta (0%)

Yellow (27%)

Black (54%)



Cyan (68%)

Magenta (54%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6378, 15.4226, 11.1676 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 11.6378, 15.4226, 11.1676 by changing the saturation by 10% instead.

■ 11.6378, 15.4226,
11.1676

■ 11.6378, 15.4226,
11.1676

195.8117,
225.9100, 209.5923

■ 6.5680, 9.1165,
6.0641

■ 28.4563, 35.5929,
28.6110

■ 3.2373, 4.8173,
2.8147

■ 40.9357, 50.2258,
41.7881

■ 1.2805, 2.1404,
1.0008

■ 56.6157, 68.4032,
58.4933

■ 0.1685, 0.6872,
0.0000

■ 75.8616, 90.5094,
79.1454

■ 0.0000, 0.0000,
0.0000

■ 99.0388, 116.9287,
104.1628

126.5127,

148.0457, 133.9640

158.6485,
184.2447, 168.9677

■ 11.6378, 15.4226,
11.1676

■ 11.6378, 15.4226,
11.1676

■ 10.3066, 14.7821,
9.0589

■ 13.2084, 16.1802,
13.6120

■ 9.2018, 14.2510,
7.2703

■ 15.0280, 17.0584,
16.4047

■ 8.3111, 13.8237,
5.7864

■ 17.1073, 18.0626,
19.5590

■ 7.6206, 13.4935,
4.5902

■ 19.4561, 19.1978,
23.0873

■ 7.1145, 13.2526,
3.6631

■ 22.0833, 20.4683,
27.0011

■ 6.7747, 13.0921,
2.9842

■ 24.9978, 21.8784,
31.3118

■ 6.5521, 12.9868,
2.5460

■ 28.2080, 23.4322,
36.0300

■ 31.7218, 25.1335,
41.1661

■ 35.5469, 26.9863,
46.7300

Harmonies

Analogous

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



13.0221, 15.4226, 8.5125



11.6378, 15.4226, 11.1676



11.0628, 15.4226, 15.9239

Triad

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



11.6378, 15.4226, 11.1676



14.3522, 15.4226, 30.7840



18.5203, 15.4226, 12.3754

Complementary

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



11.6378, 15.4226, 11.1676



13.5262, 11.1013, 17.3499

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.



18.9599, 15.4226, 17.6923



11.6378, 15.4226, 11.1676



16.4271, 15.4226, 29.2105

Square

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



11.6378, 15.4226, 11.1676



12.5342, 15.4226, 27.9503



18.1618, 15.4226, 24.0461



17.0107, 15.4226, 9.0871

Rectangle

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



11.6378, 15.4226, 11.1676



11.1725, 15.4226, 20.0046



18.1618, 15.4226, 24.0461



18.8037, 15.4226, 13.9442

Sweetspot

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



11.6382, 15.4232, 11.1679



26.8670, 30.2072, 29.5204



14.9936, 17.1712, 10.5068



6.0837, 6.9000, 6.6447



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.6382, 15.4232, 11.1679



18.6884, 26.2634, 16.8326



12.4369, 15.7427, 15.3740



3.6557, 4.1042, 4.0206



7.0853, 14.0481, 2.7396



34.3614, 68.3918, 12.4743

Inverse Universe

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



13.5262, 11.1013, 17.3499



22.5990, 17.3068, 29.6336



12.6187, 10.7383, 12.5710



3.8100, 3.7513, 4.5260



10.8322, 5.2666, 14.8566



52.5905, 25.5863, 71.3643

Previews

White Background



This preview shows how the XYZ color 11.6378, 15.4226, 11.1676 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 11.6378, 15.4226, 11.1676 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 11.6378, 15.4226, 11.1676

Background



This preview shows how black text looks on a background with the XYZ color 11.6378, 15.4226, 11.1676.

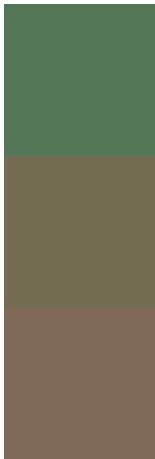


This preview shows how white text looks on a background with the XYZ color 11.6378, 15.4226,

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

11.6378, 15.4226, 11.1676

Protanopia

14.3277, 15.3284, 10.1862

Deuteranopia

15.6071, 15.3364, 11.5888



Tritanopia

13.5378, 15.3392, 20.6596

Trichromacy



Original Color

11.6378, 15.4226, 11.1676

Protanomaly

13.0644, 15.1559, 10.4204

Deuteranomaly

13.8929, 15.2359, 11.4411

Tritanomaly

12.7288, 15.3440, 16.7588

Monochromacy



Original Color

11.6378, 15.4226, 11.1676

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.4502, 14.2871, 13.4108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6378, 15.4226, 11.1676 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(82, 118, 86)` looks like.

```
.text, #text, p{  
    color:rgb(82, 118, 86)  
}
```

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(82, 118, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 118, 86) }
```

Border

The CSS property to change the border of an element to XYZ 11.6378, 15.4226, 11.1676 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(82, 118, 86) }
```


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

```
.border{ border-color:rgb(82, 118, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 118, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 118, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 118, 86);  
box-shadow:4px 4px 4px 4px rgb(82, 118,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6378, 15.4226, 11.1676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 118, 86) }
```

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

```
.background{ background-color: rgb(82, 118,  
86) }
```

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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