

Converting Colors

XYZ(19.1014, 23.5086, 15.3352)

Have a look what the booklet for
XYZ(19.1014, 23.5086, 15.3352)
contains.

XYZ(19.1014, 23.5086, 15.3352)	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(19.1014, 23.5086,
15.3352)**

Conversions

Conversions Part 1

Format	Color
Hex	768C63
RGB	118, 140, 99
RGB Percent	46%, 55%, 39%
CMY	0.5373, 0.4510, 0.6118
CMYK	0.16, 0.00, 0.29, 0.45
HSL	92°, 17%, 47%
HSV	92°, 29%, 55%
XYZ	19.1014, 23.5086, 15.3352
YIQ	128.7480, 0.0490, -17.4150

Conversions

Conversions Part 2

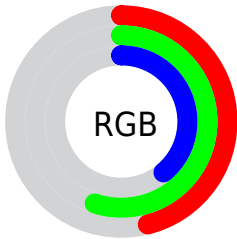
Format	Color
R_{YB}	99, 140, 121
Decimal	7769187
CIE _{Lab}	55.59, -15.72, 19.38
CIE _{LCh}	56, 24.949, 129.042
Yxy	23.5086, 0.3296, 0.4057
Android (android.graphics.Color)	4285959267 (0xFF768C63)
YUV	128.7480, -14.6658, -9.4260
Hunter-Lab	48.4857, -14.5281, 15.1875

Details

The XYZ color **19.1014, 23.5086, 15.3352** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.0816, 14.8827, 26.7847**, and the grayscale version is **20.8282, 21.9129, 23.8632**.

A 20% lighter version of the original color is **41.5914, 49.4435, 36.2056**, and **6.7302, 8.8255, 4.5976** is the 20% darker color. If you saturate the color by 10%, you get **17.5095, 22.7594, 12.0647**, and if you desaturate by 10%, it is **20.8919, 24.3482, 19.2218**.

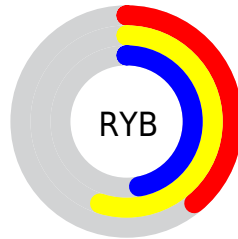
Distribution



Red (46%)

Green (55%)

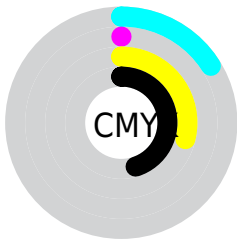
Blue (39%)



Red (39%)

Yellow (55%)

Blue (47%)

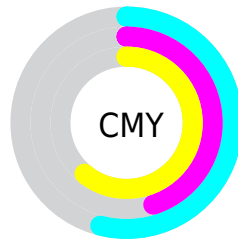


Cyan (16%)

Magenta (0%)

Yellow (29%)

Black (45%)



Cyan (54%)

Magenta (45%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1014, 23.5086, 15.3352 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 19.1014, 23.5086, 15.3352 by changing the saturation by 10% instead.

■ 19.1014, 23.5086,
15.3352

■ 19.1014, 23.5086,
15.3352

239.9354,
270.3266, 237.0965

■ 11.8480, 14.9695,
8.9057

■ 41.4209, 49.2271,
36.1907

■ 6.7117, 8.7980,
4.5838

■ 57.2178, 67.1753,
51.4539

■ 3.3272, 4.6096,
1.9508

■ 76.5931, 89.0287,
70.4987

■ 1.3291, 2.0201,
0.5247

■ 99.9124, 115.1716,
93.7437

■ 0.2048, 0.6191,
0.0000

127.5409,
145.9884, 121.6075

■ 0.0000, 0.0000,
0.0000

159.8440,

181.8636, 154.5085

197.1870,
223.1816, 192.8653

■ 19.1014, 23.5086,
15.3352

■ 19.1014, 23.5086,
15.3352

■ 17.5095, 22.7594,
12.0647

■ 20.8919, 24.3482,
19.2218

■ 16.1065, 22.0941,
9.3770

■ 22.8865, 25.2782,
23.7523

■ 14.8844, 21.5102,
7.2383


■ 25.0928, 26.3028,
28.9546


■ 13.8342, 21.0038,
5.6105


■ 27.5175, 27.4246,
34.8546


■ 12.9454, 20.5703,
4.4505


■ 30.1667, 28.6465,
41.4769

 12.2065, 20.2051,
3.7085


 33.0466, 29.9711,
48.8448

 11.5912, 19.8972,
3.2583

 36.1629, 31.4008,
56.9805

 11.5501, 19.8766,
3.2278

 39.5212, 32.9380,
65.9053

 43.1269, 34.5850,
75.6398

Harmonies

Analogous

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



21.5033, 23.5086, 13.1246



19.1014, 23.5086, 15.3352



17.6557, 23.5086, 20.4368

Triad

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



19.1014, 23.5086, 15.3352



20.4612, 23.5086, 42.9992



28.1352, 23.5086, 23.2343

Complementary

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



19.1014, 23.5086, 15.3352



17.0816, 14.8827, 26.7847

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.



27.7970, 23.5086, 31.5597



19.1014, 23.5086, 15.3352



23.2068, 23.5086, 44.1886

Square

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



19.1014, 23.5086, 15.3352



18.3937, 23.5086, 36.6710



25.9347, 23.5086, 39.6435



26.8234, 23.5086, 17.0121

Rectangle

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



19.1014, 23.5086, 15.3352



17.3517, 23.5086, 25.3382



25.9347, 23.5086, 39.6435



28.2129, 23.5086, 25.8573

Sweetspot

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



19.1020, 23.5096, 15.3357



40.3838, 44.5811, 41.9573



19.8895, 20.1196, 14.6399



9.1944, 10.2209, 9.4116



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.



19.1020, 23.5096, 15.3357



31.8258, 40.5757, 23.1953



16.8424, 22.3371, 15.5740



5.1777, 5.7144, 5.3825



10.2846, 17.6719, 2.8690



0.0849, 0.1260, 0.0198

Inverse Universe

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



17.0816, 14.8827, 26.7847



27.6773, 22.8658, 46.6978



19.9115, 16.3531, 26.3942



5.0142, 5.0157, 6.3097



6.8162, 3.0280, 22.2709



0.0622, 0.0288, 0.1487

Previews

White Background



This preview shows how the XYZ color 19.1014, 23.5086, 15.3352 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 19.1014, 23.5086, 15.3352 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 19.1014, 23.5086, 15.3352

Background



This preview shows how black text looks on a background with the XYZ color 19.1014, 23.5086, 15.3352.



This preview shows how white text looks on a background with the XYZ color 19.1014, 23.5086,

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

19.1014, 23.5086, 15.3352

Protanopia

21.8265, 23.4592, 14.4440

Deuteranopia

23.6979, 23.2060, 15.8006



Tritanopia

22.0934, 23.4545, 30.1508

Trichromacy



Original Color

19.1014, 23.5086, 15.3352

Protanomaly

20.7933, 23.5397, 14.7570

Deuteranomaly

21.7556, 23.1929, 15.6420

Tritanomaly

20.7265, 23.3044, 23.8279

Monochromacy



Original Color

19.1014, 23.5086, 15.3352

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.1150, 22.4430, 20.4113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1014, 23.5086, 15.3352 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(118, 140, 99)` looks like.

```
.text, #text, p{  
    color:rgb(118, 140, 99)  
}
```

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(118, 140, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 140, 99) }
```

Border

The CSS property to change the border of an element to XYZ 19.1014, 23.5086, 15.3352 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(118, 140, 99) }
```


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

```
.border{ border-color:rgb(118, 140, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 140, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 140, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 140, 99);  
box-shadow:4px 4px 4px 4px rgb(118, 140,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1014, 23.5086, 15.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 140, 99) }
```

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

```
.background{ background-color: rgb(118,  
140, 99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor