

Converting Colors

XYZ(18.1616, 23.0815, 15.0939)

Have a look what the booklet for
XYZ(18.1616, 23.0815, 15.0939)
contains.

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Color

**XYZ(18.1382, 23.0175,
15.0421)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8C62
RGB	111, 140, 98
RGB Percent	44%, 55%, 38%
CMY	0.5647, 0.4510, 0.6157
CMYK	0.21, 0.00, 0.30, 0.45
HSL	101°, 18%, 47%
HSV	101°, 30%, 55%
XYZ	18.1382, 23.0175, 15.0421
YIQ	126.5410, -3.8020, -19.2100

Conversions

Conversions Part 2

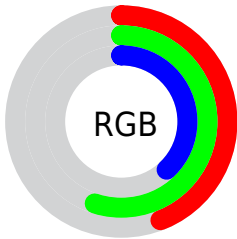
Format	Color
R_{YB}	98, 140, 127
Decimal	7310434
CIE _{Lab}	55.09, -18.56, 19.18
CIE _{LCh}	55, 26.689, 134.058
Yxy	23.0175, 0.3228, 0.4096
Android (android.graphics.Color)	4285500514 (0xFF6F8C62)
YUV	126.5410, -14.0707, -13.6295
Hunter-Lab	47.9766, -16.4746, 14.9944

Details

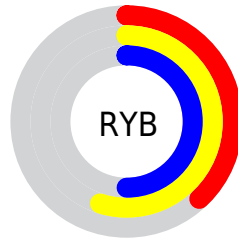
The XYZ color **18.1382, 23.0175, 15.0421** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.8547, 15.1415, 26.7937**, and the grayscale version is **20.0636, 21.1084, 22.9871**.

A 20% lighter version of the original color is **39.8209, 48.5400, 35.7042**, and **6.2403, 8.5755, 4.4583** is the 20% darker color. If you saturate the color by 10%, you get **16.3830, 22.1832, 11.8060**, and if you desaturate by 10%, it is **20.1419, 23.9680, 18.8944**.

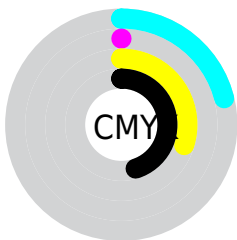
Distribution



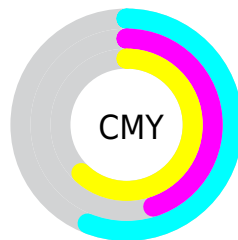
- Red (44%)
- Green (55%)
- Blue (38%)



- Red (38%)
- Yellow (55%)
- Blue (50%)



- Cyan (21%)
- Magenta (0%)
- Yellow (30%)
- Black (45%)



- Cyan (56%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1382, 23.0175, 15.0421 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 18.1382, 23.0175, 15.0421 by changing the saturation by 10% instead.

■ 18.1382, 23.0175,
15.0421

■ 18.1382, 23.0175,
15.0421

234.6794,
267.8149, 235.2704

■ 11.1495, 14.6064,
8.7020

■ 39.8009, 48.4221,
35.6704

■ 6.2355, 8.5436,
4.4532

■ 55.2057, 66.1843,
50.7956

■ 3.0308, 4.4447,
1.8771

■ 74.1465, 87.8325,
69.6863

■ 1.1701, 1.9253,
0.4781

■ 96.9888, 113.7509,
92.7610

■ 0.0826, 0.5635,
0.0000

124.0979,
144.3239, 120.4382

■ 0.0000, 0.0000,
0.0000

155.8391,

179.9360, 153.1365

192.5778,
220.9715, 191.2744

■ 18.1382, 23.0175,
15.0421

■ 18.1382, 23.0175,
15.0421

■ 16.3830, 22.1832,
11.8060

■ 20.1419, 23.9680,
18.8944

■ 14.8643, 21.4574,
9.1527

■ 22.4020, 25.0359,
23.3910

■ 13.5719, 20.8364,
7.0479


■ 24.9280, 26.2263,
28.5602


■ 12.4937, 20.3147,
5.4531


■ 27.7285, 27.5430,
34.4279


■ 11.6166, 19.8866,
4.3248


■ 30.8118, 28.9898,
41.0189


 10.9258, 19.5456,
3.6123

 34.1856, 30.5702,
48.3566

 10.3887, 19.2778,
3.1735

 37.8575, 32.2875,
56.4635

 41.8347, 34.1450,
65.3610

 46.1243, 36.1459,
75.0698

Harmonies

Analogous

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



20.5180, 23.0175, 12.2994



18.1382, 23.0175, 15.0421



16.8283, 23.0175, 20.8292

Triad

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



18.1382, 23.0175, 15.0421



20.3447, 23.0175, 44.3298



27.9043, 23.0175, 21.2920

Complementary

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



18.1382, 23.0175, 15.0421



17.8547, 15.1415, 26.7937

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.



27.8472, 23.0175, 29.8329



18.1382, 23.0175, 15.0421



23.2956, 23.0175, 44.5338

Square

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



18.1382, 23.0175, 15.0421



18.0212, 23.0175, 38.2575



26.0982, 23.0175, 38.7641



26.2479, 23.0175, 15.3144

Rectangle

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



18.1382, 23.0175, 15.0421



16.6564, 23.0175, 26.2388



26.0982, 23.0175, 38.7641



28.0893, 23.0175, 23.9212

Sweetspot

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



18.1388, 23.0185, 15.0426



39.8373, 44.2994, 41.9317



20.5714, 21.5596, 14.6328



9.0522, 10.1476, 9.4049



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.



18.1388, 23.0185, 15.0426



29.8394, 39.5640, 22.5479



17.0017, 22.3883, 16.9798



5.1080, 5.6784, 5.3792



9.2488, 17.1379, 2.8205



0.0751, 0.1209, 0.0194

Inverse Universe

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



17.8547, 15.1415, 26.7937



29.2497, 23.3640, 46.7110



19.3692, 15.9856, 24.0033



5.0858, 5.0526, 6.3131



8.5761, 3.9353, 22.3533



0.0720, 0.0339, 0.1492

Previews

White Background



This preview shows how the XYZ color 18.1382, 23.0175, 15.0421 looks on a white background.

Color Contrast Check

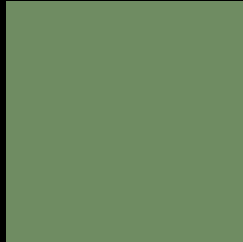
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1382, 23.0175, 15.0421 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 18.1382, 23.0175, 15.0421

Background



This preview shows how black text looks on a background with the XYZ color 18.1382, 23.0175, 15.0421.



This preview shows how white text looks on a background with the XYZ color 18.1382, 23.0175,

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

18.1382, 23.0175, 15.0421

Protanopia

21.2920, 22.7915, 13.8667

Deuteranopia

23.1362, 22.7313, 15.4801



Tritanopia

21.1071, 22.9461, 30.1046

Trichromacy



Original Color

18.1382, 23.0175, 15.0421

Protanomaly

19.9507, 22.7017, 14.1568

Deuteranomaly

20.8978, 22.5560, 15.3089

Tritanomaly

19.7707, 22.8117, 23.7831

Monochromacy



Original Color

18.1382, 23.0175, 15.0421

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.2888, 21.8284, 19.7197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1382, 23.0175, 15.0421 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(111, 140, 98)` looks like.

```
.text, #text, p{  
    color:rgb(111, 140, 98)  
}
```

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(111, 140, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 140, 98) }
```

Border

The CSS property to change the border of an element to XYZ 18.1382, 23.0175, 15.0421 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(111, 140, 98) }
```


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

```
.border{ border-color:rgb(111, 140, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 140, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 140, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 140, 98);  
box-shadow:4px 4px 4px 4px rgb(111, 140,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1382, 23.0175, 15.0421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 140, 98) }
```

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

```
.background{ background-color: rgb(111,  
140, 98) }
```

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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