

Converting Colors

XYZ(15.0613, 21.8534, 8.0600)

Have a look what the booklet for
XYZ(15.0613, 21.8534, 8.0600)
contains.

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Color

**XYZ(15.0382, 21.7883,
8.1156)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8D3F
RGB	94, 141, 63
RGB Percent	37%, 55%, 25%
CMY	0.6314, 0.4470, 0.7529
CMYK	0.33, 0.00, 0.55, 0.45
HSL	96°, 38%, 40%
HSV	96°, 55%, 55%
XYZ	15.0382, 21.7883, 8.1156
YIQ	118.0550, -2.9740, -34.2220

Conversions

Conversions Part 2

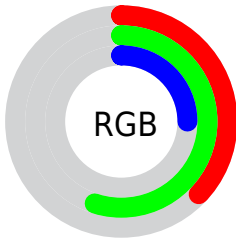
Format	Color
RYB	63, 141, 110
Decimal	6196543
CIELab	53.80, -30.44, 36.18
CIElCh	54, 47.280, 130.075
Yxy	21.7883, 0.3346, 0.4848
Android (android.graphics.Color)	4284386623 (0xFF5E8D3F)
YUV	118.0550, -27.1421, -21.0962
Hunter-Lab	46.6779, -24.1792, 22.3662

Details

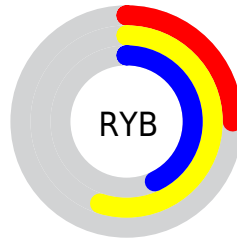
The XYZ color **15.0382, 21.7883, 8.1156** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **13.0166, 8.7937, 26.2118**, and the grayscale version is **17.3207, 18.2227, 19.8445**.

A 20% lighter version of the original color is **34.5284, 46.4255, 22.7640**, and **4.7251, 7.8550, 1.6479** is the 20% darker color. If you saturate the color by 10%, you get **13.8698, 21.2265, 6.2610**, and if you desaturate by 10%, it is **16.4045, 22.4418, 10.5073**.

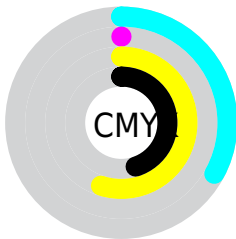
Distribution



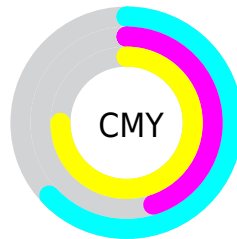
- Red (37%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (43%)



- Cyan (33%)
- Magenta (0%)
- Yellow (55%)
- Black (45%)



- Cyan (63%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0382, 21.7883, 8.1156 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 15.0382, 21.7883, 8.1156 by changing the saturation by 10% instead.

■ 15.0382, 21.7883,
8.1156

■ 15.0382, 21.7883,
8.1156

216.9811,
261.4387, 186.6043

■ 8.9327, 13.7014,
4.0802

■ 34.4913, 46.3959,
22.7347

■ 4.7541, 7.9133,
1.6694

■ 48.5696, 63.6853,
34.1554

■ 2.1370, 4.0395,
0.3397

■ 66.0362, 84.8111,
48.8749

■ 0.7092, 1.6957,
0.0000

■ 87.2564, 110.1576,
67.3119

■ 0.0000, 0.4209,
0.0000

■ 112.5957,
140.1092, 89.8847

■ 0.0000, 0.0000,
0.0000

■ 142.4193,

175.0504, 117.0121

177.0927,
215.3654, 149.1124

■ 15.0382, 21.7883,
8.1156

■ 15.0382, 21.7883,
8.1156

■ 13.8698, 21.2265,
6.2610

■ 16.4045, 22.4418,
10.5073

■ 12.8869, 20.7489,
4.9004

■ 17.9772, 23.1886,
13.4718

■ 12.0776, 20.3510,
3.9866

■ 19.7660, 24.0335,
17.0436

■ 11.4258, 20.0262,
3.4528

■ 21.7795, 24.9805,
21.2539

■ 11.1582, 19.8924,
3.2515

■ 24.0260, 26.0329,
26.1317

■ 26.5130, 27.1942,
31.7045

■ 29.2478, 28.4676,
37.9980

■ 32.2375, 29.8561,
45.0367

■ 35.4887, 31.3628,
52.8439

Harmonies

Analogous

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



19.0477, 21.7883, 5.4698



15.0382, 21.7883, 8.1156



12.8197, 21.7883, 15.4138

Triad

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



15.0382, 21.7883, 8.1156



17.5570, 21.7883, 60.9151



31.8856, 21.7883, 19.1609

Complementary

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



15.0382, 21.7883, 8.1156



13.0166, 8.7937, 26.2118

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.



31.3106, 21.7883, 34.5852



15.0382, 21.7883, 8.1156



22.4644, 21.7883, 63.2749

Square

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



15.0382, 21.7883, 8.1156



14.1007, 21.7883, 46.6612



27.6518, 21.7883, 52.1959



29.1142, 21.7883, 9.8919

Rectangle

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



15.0382, 21.7883, 8.1156



12.3999, 21.7883, 23.7604



27.6518, 21.7883, 52.1959



32.0868, 21.7883, 23.6872

Sweetspot

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



15.0387, 21.7892, 8.1161



38.2307, 44.3718, 36.4223



17.4369, 17.1312, 7.0906



8.3979, 9.8443, 7.8376



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.



15.0387, 21.7892, 8.1161



24.4416, 37.8199, 10.6304



12.7063, 20.5599, 9.2268



5.5330, 6.1274, 5.7805



10.1907, 18.1461, 2.9654



0.1211, 0.1857, 0.0295

Inverse Universe

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



13.0166, 8.7937, 26.2118



20.4188, 12.1232, 46.3917



17.0103, 10.9173, 23.4746



5.4216, 5.4055, 6.7864



7.8149, 3.5223, 23.2451



0.0996, 0.0465, 0.2234

Previews

White Background



This preview shows how the XYZ color 15.0382, 21.7883, 8.1156 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 15.0382, 21.7883, 8.1156 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 15.0382, 21.7883, 8.1156

Background



This preview shows how black text looks on a background with the XYZ color 15.0382, 21.7883, 8.1156.



This preview shows how white text looks on a background with the XYZ color 15.0382, 21.7883,

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

15.0382, 21.7883, 8.1156

Protanopia

19.6639, 21.5049, 7.2521

Deuteranopia

21.9075, 21.5045, 8.4650



Tritanopia

19.2893, 21.8224, 29.1821

Trichromacy



Original Color

15.0382, 21.7883, 8.1156

Protanomaly

17.6606, 21.4613, 7.4866

Deuteranomaly

18.6651, 21.1622, 8.2552

Tritanomaly

17.3209, 21.6480, 19.1852

Monochromacy



Original Color

15.0382, 21.7883, 8.1156

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

15.9721, 19.0548, 14.3914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0382, 21.7883, 8.1156 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(94, 141, 63)` looks like.

```
.text, #text, p{  
    color:rgb(94, 141, 63)  
}
```

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(94, 141, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 141, 63) }
```

Border

The CSS property to change the border of an element to XYZ 15.0382, 21.7883, 8.1156 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(94, 141, 63) }
```


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

```
.border{ border-color:rgb(94, 141, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 141, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 141, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 141, 63);  
box-shadow:4px 4px 4px 4px rgb(94, 141,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0382, 21.7883, 8.1156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 141, 63) }
```

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

```
.background{ background-color: rgb(94, 141,  
63) }
```

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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