

Converting Colors

XYZ(15.2063, 19.5336, 8.2847)

Have a look what the booklet for
XYZ(15.2063, 19.5336, 8.2847)
contains.

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Color

**XYZ(15.1801, 19.5587,
8.2853)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8243
RGB	108, 130, 67
RGB Percent	42%, 51%, 26%
CMY	0.5765, 0.4902, 0.7372
CMYK	0.17, 0.00, 0.48, 0.49
HSL	81°, 32%, 39%
HSV	81°, 48%, 51%
XYZ	15.1801, 19.5587, 8.2853
YIQ	116.2400, 7.1110, -24.2570

Conversions

Conversions Part 2

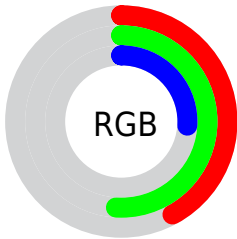
Format	Color
RYB	67, 130, 89
Decimal	7111235
CIELab	51.33, -18.96, 31.34
CIElCh	51, 36.630, 121.166
Yxy	19.5587, 0.3528, 0.4546
Android (android.graphics.Color)	4285301315 (0xFF6C8243)
YUV	116.2400, -24.2753, -7.2265
Hunter-Lab	44.2252, -16.1248, 19.8501

Details

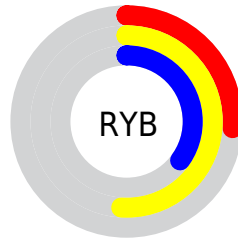
The XYZ color **15.1801, 19.5587, 8.2853** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.1571, 7.7504, 22.0809**, and the grayscale version is **16.7453, 17.6173, 19.1853**.

A 20% lighter version of the original color is **34.7838, 42.7050, 22.9326**, and **4.8723, 6.8652, 1.7301** is the 20% darker color. If you saturate the color by 10%, you get **14.2953, 19.1433, 6.4318**, and if you desaturate by 10%, it is **16.1822, 20.0257, 10.6022**.

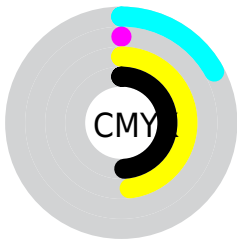
Distribution



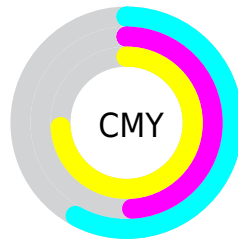
- Red (42%)
- Green (51%)
- Blue (26%)



- Red (26%)
- Yellow (51%)
- Blue (35%)



- Cyan (17%)
- Magenta (0%)
- Yellow (48%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1801, 19.5587, 8.2853 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 15.1801, 19.5587, 8.2853 by changing the saturation by 10% instead.

■ 15.1801, 19.5587,
8.2853

■ 15.1801, 19.5587,
8.2853

217.8206,
249.5160, 187.9703

■ 9.0330, 12.0747,
4.1877

■ 34.7379, 42.6761,
23.0712

■ 4.8200, 6.7946,
1.7289

■ 48.8793, 59.0782,
34.5966

■ 2.1757, 3.3339,
0.3804

■ 66.4162, 79.2218,
49.4349

■ 0.7299, 1.3085,
0.0000

■ 87.7140, 103.4913,
68.0048

■ 0.0000, 0.1477,
0.0000

■ 113.1379,
132.2711, 90.7247

■ 0.0000, 0.0000,
0.0000

143.0534,

165.9455, 118.0133

177.8259,
204.8990, 150.2889

■ 15.1801, 19.5587,
8.2853

■ 15.1801, 19.5587,
8.2853

■ 14.2953, 19.1433,
6.4318

■ 16.1822, 20.0257,
10.6022

■ 13.5201, 18.7744,
5.0091

■ 17.3059, 20.5440,
13.4097

■ 12.8477, 18.4498,
3.9827


■ 18.5572, 21.1168,
16.7343


■ 12.2700, 18.1662,
3.3117


■ 19.9410, 21.7460,
20.6001


■ 11.7675, 17.9158,
2.8953


■ 21.4621, 22.4337,
25.0299

 11.6931, 17.8788,
2.8347

 23.1249, 23.1816,
30.0452

 24.9336, 23.9915,
35.6662

 26.8923, 24.8650,
41.9123

 29.0048, 25.8038,
48.8019

Harmonies

Analogous

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



18.4471, 19.5587, 6.8315



15.1801, 19.5587, 8.2853



13.0806, 19.5587, 12.9788

Triad

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



15.1801, 19.5587, 8.2853



15.3979, 19.5587, 44.2853



26.5523, 19.5587, 20.8885

Complementary

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



15.1801, 19.5587, 8.2853



10.1571, 7.7504, 22.0809

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.



25.4627, 19.5587, 32.5719



15.1801, 19.5587, 8.2853



18.7336, 19.5587, 48.4757

Square

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



15.1801, 19.5587, 8.2853



13.1943, 19.5587, 33.5244



22.4756, 19.5587, 43.6203



25.2864, 19.5587, 12.4747

Rectangle

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



15.1801, 19.5587, 8.2853



12.4662, 19.5587, 18.3481



22.4756, 19.5587, 43.6203



26.4484, 19.5587, 24.5441

Sweetspot

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



15.1806, 19.5596, 8.2857



33.4143, 37.5214, 31.4897



13.7095, 12.1312, 6.9294



7.4691, 8.4499, 6.8681



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.1806, 19.5596, 8.2857



25.0501, 33.6525, 11.0838



12.0975, 17.9702, 8.1414



4.5241, 4.9466, 4.6365



11.2188, 17.1459, 2.7182



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.1571, 7.7504, 22.0809



15.1288, 10.2948, 38.3822



13.7137, 9.5839, 22.2474



4.2395, 4.2791, 5.4158



4.9250, 2.0927, 20.3943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1801, 19.5587, 8.2853 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 15.1801, 19.5587, 8.2853 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 15.1801, 19.5587, 8.2853

Background



This preview shows how black text looks on a background with the XYZ color 15.1801, 19.5587, 8.2853.



This preview shows how white text looks on a background with the XYZ color 15.1801, 19.5587,

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

15.1801, 19.5587, 8.2853

Protanopia

17.8766, 19.4401, 7.6606

Deuteranopia

19.7453, 19.3225, 8.4833



Tritanopia

18.4503, 19.5449, 24.6299

Trichromacy



Original Color

15.1801, 19.5587, 8.2853

Protanomaly

16.7452, 19.4089, 7.8647

Deuteranomaly

17.7431, 19.1727, 8.3958

Tritanomaly

16.9777, 19.5151, 17.0593

Monochromacy



Original Color

15.1801, 19.5587, 8.2853

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.8520, 18.0673, 14.2071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1801, 19.5587, 8.2853 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(108, 130, 67)` looks like.

```
.text, #text, p{  
    color:rgb(108, 130, 67)  
}
```

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(108, 130, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 130, 67) }
```

Border

The CSS property to change the border of an element to XYZ 15.1801, 19.5587, 8.2853 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(108, 130, 67) }
```


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

```
.border{ border-color:rgb(108, 130, 67) }
```

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

Here you see how a box with a 4 pixel rgb(108, 130, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 130, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 130, 67);  
box-shadow:4px 4px 4px 4px rgb(108, 130,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1801, 19.5587, 8.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 130, 67) }
```

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

```
.background{ background-color: rgb(108,  
130, 67) }
```

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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