

Converting Colors

YUV(115.8800, -18.6748,
-77.0708)

Have a look what the booklet for
YUV(115.8800, -18.6748, -77.0708)
contains.

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Color

**YUV(115.8800, -18.6748,
-77.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	1CA84E
RGB	28, 168, 78
RGB Percent	11%, 66%, 31%
CMY	0.8902, 0.3412, 0.6941
CMYK	0.83, 0.00, 0.54, 0.34
HSL	141°, 71%, 38%
HSV	141°, 83%, 66%
XYZ	15.8567, 28.8022, 11.9314
YIQ	115.8800, -54.5500, -57.6700

Conversions

Conversions Part 2

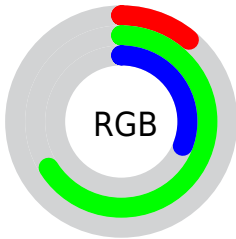
Format	Color
R_{YB}	28, 131, 168
Decimal	1878094
CIE _{Lab}	60.61, -54.95, 36.37
CIE _{LCh}	61, 65.899, 146.498
Yxy	28.8022, 0.2802, 0.5090
Android (android.graphics.Color)	4280068174 (0xFF1CA84E)
YUV	115.8800, -18.6748, -77.0708
Hunter-Lab	53.6677, -41.1788, 24.3860

Details

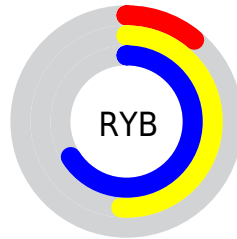
The YUV color **115.8800, -18.6748, -77.0708** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **80.1200, 18.6748, 77.0708**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7950, -23.0699, -67.3492**, and **70.2240, -20.3234, -61.5864** is the 20% darker color. If you saturate the color by 10%, you get **109.5430, -20.9737, -86.4222**, and if you desaturate by 10%, it is **122.2170, -16.3760, -67.7193**.

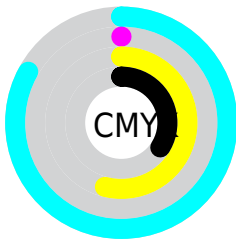
Distribution



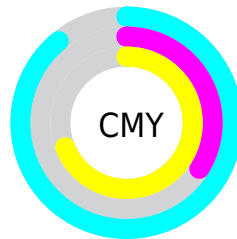
- Red (11%)
- Green (66%)
- Blue (31%)



- Red (11%)
- Yellow (51%)
- Blue (66%)



- Cyan (83%)
- Magenta (0%)
- Yellow (54%)
- Black (34%)



- Cyan (89%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8800, -18.6748, -77.0708 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 YUV color 115.8800, -18.6748, -77.0708 by changing the saturation by 10% instead.

■ 115.8800,
-18.6748, -77.0708

■ 115.8800,
-18.6748, -77.0708

■ 255.0000, 0.0000,
0.0000

■ 88.8090, -17.6538,
-77.8855

■ 175.7950,
-23.0699, -67.3492

■ 70.2240, -20.3234,
-61.5864

■ 204.8660,
-24.0909, -66.5345

■ 52.3570, -25.3190,
-45.9171

■ 218.0880,
-17.2984, -51.8202

■ 37.5680, -18.5210,
-32.9471

■ 229.9510, -9.3428,
-36.7910

■ 24.0670, -11.8650,
-21.1068

■ 242.2270, -1.0979,
-21.2471

■ 2.3480, -1.1576,
-2.0592

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 115.8800,
-18.6748, -77.0708

■ 115.8800,
-18.6748, -77.0708

■ 109.5430,
-20.9737, -86.4222

■ 122.2170,
-16.3760, -67.7193

■ 105.4560,
-22.4098, -92.4849

■ 128.5540,
-14.0771, -58.3679

■ 134.4780,
-12.0677, -49.5312

■ 140.8150, -9.7688,
-40.1798

■ 147.1520, -7.4699,
-30.8283

■ 153.4890, -5.1711,
-21.4769

■ 159.8260, -2.8722,
-12.1254

■ 165.7500, -0.8628,
-3.2887

■ 172.0870, 1.4361,
6.0627

Harmonies

Analogous

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



132.5580, -53.5191, -7.5054



115.8800, -18.6748, -77.0708



117.1690, 9.7767, -102.7572

Triad

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



115.8800, -18.6748, -77.0708



120.0550, 66.5279, -105.2882



140.5020, -20.9535, 94.2757

Complementary

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



115.8800, -18.6748, -77.0708



80.1200, 18.6748, 77.0708

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.



142.6950, 6.5594, 89.7215



115.8800, -18.6748, -77.0708



146.7400, 51.4002, -12.9270

Square

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



115.8800, -18.6748, -77.0708



126.3180, 57.5242, -110.7809



149.3540, 30.3915, 52.3095



141.3010, -46.4904, 71.6500

Rectangle

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



115.8800, -18.6748, -77.0708



121.8430, 27.6854, -106.8563



149.3540, 30.3915, 52.3095



140.3310, -11.5022, 96.1797

Sweetspot

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



115.8800, -18.6748, -77.0708



198.5650, -7.1805, -30.3135



137.3890, -53.9288, -16.1272



97.7390, -4.3083, -18.1881



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



115.8800, -18.6748, -77.0708



137.4450, -29.3064, -120.5393



123.7460, 11.4642, -83.9692



81.0380, -1.0047, -4.4183



92.9180, -19.6796, -81.4891



12.5380, -2.7302, -10.9958

Inverse Universe

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



80.1200, 18.6748, 77.0708



81.5550, 29.3064, 120.5393



72.2540, -11.4642, 83.9692



78.9620, 1.0047, 4.4183



55.0820, 19.6796, 81.4891



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 115.8800, -18.6748, -77.0708 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 YUV color 115.8800, -18.6748, -77.0708 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](#).

YUV 115.8800, -18.6748, -77.0708 Background



This preview shows how black text looks on a background with the YUV color 115.8800, -18.6748, -77.0708.



This preview shows how white text looks on a background with the YUV color 115.8800, -18.6748, -77.0708.

-77.0708.

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

115.8800, -18.6748, -77.0708

Protanopia

141.2340, -35.1184, 17.3348

Deuteranopia

143.4340, -28.3150, 28.5604



Tritanopia

133.1700, 18.6502, -55.4001

Trichromacy



Original Color

115.8800, -18.6748, -77.0708



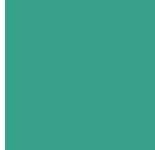
Protanomaly

131.9200, -29.0476, -16.5928



Deuteranomaly

133.4030, -24.8487, -10.0004



Tritanomaly

127.1570, 4.8526, -63.2817

Monochromacy



Original Color

115.8800, -18.6748, -77.0708



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.9890, -6.8966, -28.0544

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8800, -18.6748, -77.0708 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(28, 168, 78)` looks like.

```
.text, #text, p{  
    color:rgb(28, 168, 78)  
}
```

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(28, 168, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 168, 78) }
```

Border

The CSS property to change the border of an element to YUV 115.8800, -18.6748, -77.0708 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(28, 168, 78) }
```


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

```
.border{ border-color:rgb(28, 168, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 168, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 168, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 168, 78);  
box-shadow:4px 4px 4px 4px rgb(28, 168,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 115.8800, -18.6748, -77.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 168, 78) }
```

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

```
.background{ background-color: rgb(28, 168,  
78) }
```

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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