

Converting Colors

YUV(165.8820, -18.1828,
-48.1315)

Have a look what the booklet for
YUV(165.8820, -18.1828, -48.1315)
contains.

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Color

**YUV(165.8820, -18.1828,
-48.1315)**

Conversions

Conversions Part 1

Format	Color
Hex	6FC981
RGB	111, 201, 129
RGB Percent	44%, 79%, 51%
CMY	0.5647, 0.2118, 0.4941
CMYK	0.45, 0.00, 0.36, 0.21
HSL	132°, 45%, 61%
HSV	132°, 45%, 79%
XYZ	31.4046, 46.7378, 28.1350
YIQ	165.8820, -30.5280, -41.4720

Conversions

Conversions Part 2

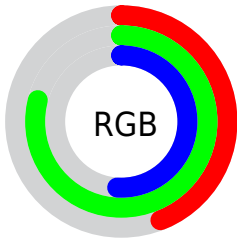
Format	Color
RYB	111, 186, 201
Decimal	7326081
CIELab	74.02, -42.36, 27.82
CIELCh	74, 50.680, 146.702
Yxy	46.7378, 0.2955, 0.4398
Android (android.graphics.Color)	4285516161 (0xFF6FC981)
YUV	165.8820, -18.1828, -48.1315
Hunter-Lab	68.3650, -37.6418, 23.4553

Details

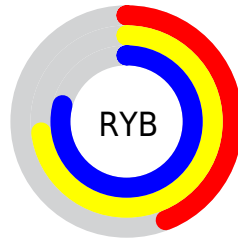
The YUV color **165.8820, -18.1828, -48.1315** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **146.1180, 18.1828, 48.1315**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3660, -18.9144, -46.8020**, and **111.1530, -15.8514, -49.2462** is the 20% darker color. If you saturate the color by 10%, you get **158.0780, -22.2235, -58.8274**, and if you desaturate by 10%, it is **173.6860, -14.1422, -37.4356**.

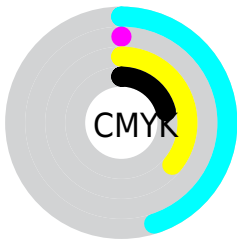
Distribution



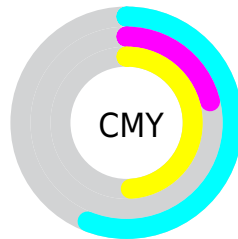
- Red (44%)
- Green (79%)
- Blue (51%)



- Red (44%)
- Yellow (73%)
- Blue (79%)



- Cyan (45%)
- Magenta (0%)
- Yellow (36%)
- Black (21%)



- Cyan (56%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8820, -18.1828, -48.1315 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 165.8820, -18.1828, -48.1315 by changing the saturation by 10% instead.

■ 165.8820,
-18.1828, -48.1315

■ 165.8820,
-18.1828, -48.1315

255.0000, 0.0000,
0.0000

■ 138.1100,
-17.3092, -48.3315

■ 220.3660,
-18.9144, -46.8020

■ 111.1530,
-15.8514, -49.2462

■ 231.9300,
-10.8115, -32.3876

■ 82.6900, -13.6512,
-54.9791

■ 243.9070, -2.4192,
-17.4584

■ 59.4130, -13.5146,
-52.1052

254.7010, 0.1474,
-0.6148

■ 42.1160, -16.3262,
-36.9357

■ 27.5890, -13.6014,
-24.1956

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 165.8820,
-18.1828, -48.1315

■ 165.8820,
-18.1828, -48.1315

■ 158.0780,
-22.2235, -58.8274

■ 173.6860,
-14.1422, -37.4356

■ 150.2740,
-26.2641, -69.5233

■ 181.4900,
-10.1016, -26.7397

■ 142.4700,
-30.3047, -80.2192


■ 189.2940, -6.0609,
-16.0438

■ 134.6660,
-34.3453, -90.9151


■ 197.0980, -2.0203,
-5.3479


■ 126.8620,
-38.3860, -101.6110

■ 205.2010, 1.8729,
5.9627

 122.5470,
-40.6957, -107.4737

 213.0050, 5.9135,
16.6586

 220.9230, 10.3910,
27.2545

 223.3020, 15.6271,
27.7991

Harmonies

Analogous

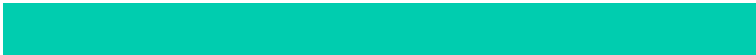
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173.8800, -38.3948, -5.1568



165.8820, -18.1828, -48.1315



140.2850, 17.1145, -123.0299

Triad

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



165.8820, -18.1828, -48.1315



165.7380, 44.0062, -68.1762



178.8360, -17.6671, 66.7958

Complementary

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



165.8820, -18.1828, -48.1315



146.1180, 18.1828, 48.1315

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.



182.3190, 3.2937, 63.7412



165.8820, -18.1828, -48.1315



183.2560, 35.3698, -4.6095

Square

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



165.8820, -18.1828, -48.1315



146.4700, 53.5053, -128.4542



187.3390, 23.0039, 41.7987



181.2270, -37.5799, 60.3139

Rectangle

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



165.8820, -18.1828, -48.1315



144.5200, 30.8026, -126.7440



187.3390, 23.0039, 41.7987



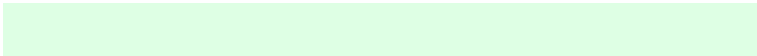
178.7850, -10.2470, 66.8406

Sweetspot

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



165.8820, -18.1828, -48.1315



242.0550, -6.9291, -17.5882



185.3580, -36.6585, -2.0680



119.7830, -4.3300, -11.2107



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



165.8820, -18.1828, -48.1315



201.1980, -27.7056, -73.8416



170.8980, 1.0363, -52.5305



95.3970, -2.1677, -4.7332



99.4430, -32.7564, -87.2115



21.9300, -7.3605, -19.2326

Inverse Universe

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



146.1180, 18.1828, 48.1315



170.8020, 27.7056, 73.8416



140.9880, -1.4731, 52.6305



93.4890, 1.7309, 4.8331



63.6710, 33.1932, 87.1115



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 165.8820, -18.1828, -48.1315 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 165.8820, -18.1828, -48.1315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

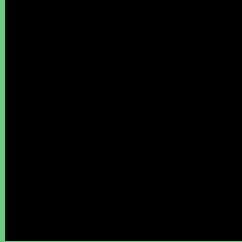
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.8820, -18.1828, -48.1315 Background



This preview shows how black text looks on a background with the YUV color 165.8820, -18.1828, -48.1315.



This preview shows how white text looks on a background with the YUV color 165.8820, -18.1828, -48.1315.

-48.1315.

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

165.8820, -18.1828, -48.1315

Protanopia

178.6450, -28.4190, 15.2203

Deuteranopia

180.6280, -22.4946, 28.3902



Tritanopia

173.9870, 16.2754, -40.3306

Trichromacy



Original Color

165.8820, -18.1828, -48.1315

Protanomaly

173.8270, -24.5647, -7.7413

Deuteranomaly

175.2070, -20.8081, 0.6955

Tritanomaly

171.3490, 3.7719, -43.2791

Monochromacy



Original Color

165.8820, -18.1828, -48.1315

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1690, -6.4923, -17.6882

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8820, -18.1828, -48.1315 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, 201, 129)` looks like.

```
.text, #text, p{  
    color:rgb(111, 201, 129)  
}
```

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, 201, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 201, 129) }
```

Border

The CSS property to change the border of an element to YUV 165.8820, -18.1828, -48.1315 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, 201, 129) }
```


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

```
.border{ border-color:rgb(111, 201, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 201, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 201, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 201, 129);  
box-shadow:4px 4px 4px 4px rgb(111, 201,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 165.8820, -18.1828, -48.1315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 201, 129) }
```

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

```
.background{ background-color: rgb(111,  
201, 129) }
```

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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