

Converting Colors

YUV(175.1420, -15.8460,
-50.9905)

Have a look what the booklet for
YUV(175.1420, -15.8460, -50.9905)
contains.

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Color

**YUV(175.1420, -15.8460,
-50.9905)**

Conversions

Conversions Part 1

Format	Color
Hex	75D38F
RGB	117, 211, 143
RGB Percent	46%, 83%, 56%
CMY	0.5412, 0.1725, 0.4392
CMYK	0.45, 0.00, 0.32, 0.17
HSL	137°, 52%, 64%
HSV	137°, 45%, 83%
XYZ	35.5883, 52.3536, 34.2162
YIQ	175.1420, -34.1960, -41.0760

Conversions

Conversions Part 2

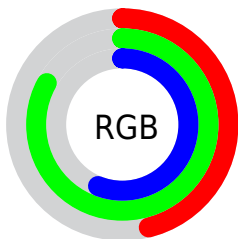
Format	Color
RYB	117, 191, 211
Decimal	7721871
CIELab	77.49, -42.60, 25.22
CIElCh	77, 49.508, 149.376
Yxy	52.3536, 0.2913, 0.4286
Android (android.graphics.Color)	4285911951 (0xFF75D38F)
YUV	175.1420, -15.8460, -50.9905
Hunter-Lab	72.3558, -38.8271, 22.6115

Details

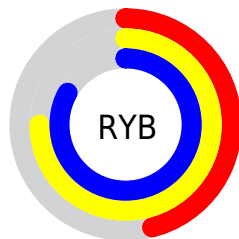
The YUV color **175.1420, -15.8460, -50.9905** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **152.8580, 15.8460, 50.9905**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8700, -13.2469, -44.6130**, and **120.2990, -13.9514, -52.0052** is the 20% darker color. If you saturate the color by 10%, you get **167.1530, -19.3024, -62.4012**, and if you desaturate by 10%, it is **183.1310, -12.3896, -39.5799**.

Distribution



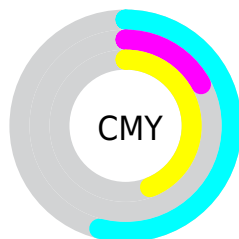
- Red (46%)
- Green (83%)
- Blue (56%)



- Red (46%)
- Yellow (75%)
- Blue (83%)



- Cyan (45%)
- Magenta (0%)
- Yellow (32%)
- Black (17%)



- Cyan (54%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.1420, -15.8460, -50.9905 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 175.1420, -15.8460, -50.9905 by changing the saturation by 10% instead.

■ 175.1420,
-15.8460, -50.9905

■ 175.1420,
-15.8460, -50.9905

255.0000, 0.0000,
0.0000

■ 147.3700,
-14.9724, -51.1905

■ 223.8700,
-13.2469, -44.6130

■ 120.2990,
-13.9514, -52.0052

■ 235.7330, -5.2914,
-29.5838

■ 91.8470, -11.7566,
-55.9938

■ 247.7100, 3.1010,
-14.6547

■ 65.5910, -10.1514,
-57.5233

■ 48.2940, -12.9629,
-42.3538

■ 31.6980, -15.6271,
-27.7991

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 175.1420,
-15.8460, -50.9905

■ 175.1420,
-15.8460, -50.9905

■ 167.1530,
-19.3024, -62.4012

■ 183.1310,
-12.3896, -39.5799

■ 159.0500,
-23.1957, -73.7119

■ 191.2340, -8.4964,
-28.2692

■ 151.0610,
-26.6521, -85.1225

■ 199.2230, -5.0399,
-16.8586

■ 143.0720,
-30.1085, -96.5331

■ 207.2120, -1.5835,
-5.4479

■ 135.0830,
-33.5649, -107.9438

■ 215.5000, 1.7255,
6.5775

■ 130.4690,
-35.7272, -114.4213

■ 223.6030, 5.6187,
17.8882

■ 228.6020, 10.5492,
23.1510

■ 229.1720, 12.7332,
22.6512

Harmonies

Analogous

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



183.0260, -36.4948, -7.9158



175.1420, -15.8460, -50.9905



149.8440, 19.3039, -125.2742

Triad

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



175.1420, -15.8460, -50.9905



177.9090, 38.0059, -56.9252



185.9770, -18.2297, 60.5332

Complementary

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



175.1420, -15.8460, -50.9905



152.8580, 15.8460, 50.9905

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.



188.7590, 2.5838, 58.0934



175.1420, -15.8460, -50.9905



192.7360, 30.6962, 1.1085

Square

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



175.1420, -15.8460, -50.9905



151.1660, 51.1902, -132.5726



197.0790, 20.6671, 44.6577



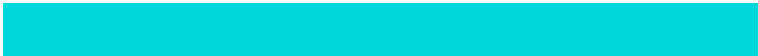
190.0910, -38.0059, 56.9252

Rectangle

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



175.1420, -15.8460, -50.9905



151.2850, 33.8765, -132.6769



197.0790, 20.6671, 44.6577



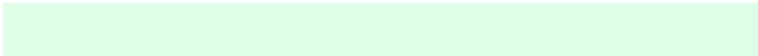
185.8120, -11.2463, 60.6779

Sweetspot

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



175.1420, -15.8460, -50.9905



242.3970, -5.6187, -17.8882



192.8090, -37.3738, -5.9715



120.0110, -3.4564, -11.4106



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.



175.1420, -15.8460, -50.9905



203.4630, -22.9063, -73.1971



180.3860, 4.2467, -55.5895



100.7990, -1.8729, -5.9627



103.9740, -28.0882, -91.1852



25.3210, -7.0603, -22.2065

Inverse Universe

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



152.8580, 15.8460, 50.9905



171.5370, 22.9063, 73.1971



147.6140, -4.2467, 55.5895



98.2010, 1.8729, 5.9627



64.1400, 28.5250, 91.0852



15.6790, 7.0603, 22.2065

Previews

White Background



This preview shows how the YUV color 175.1420, -15.8460, -50.9905 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 175.1420, -15.8460, -50.9905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

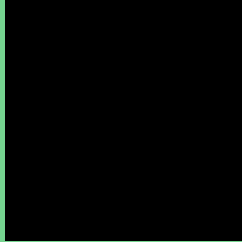
Any Text WCAG AA ✓ Pass

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 175.1420, -15.8460, -50.9905 Background



This preview shows how black text looks on a background with the YUV color 175.1420, -15.8460, -50.9905.



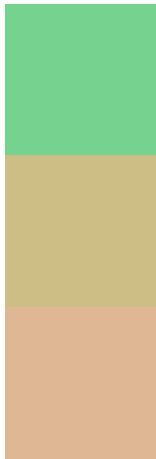
This preview shows how white text looks on a background with the YUV color 175.1420, -15.8460, -50.9905.

-50.9905.

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

175.1420, -15.8460, -50.9905

Protanopia

188.1010, -26.6718, 14.8204

Deuteranopia

191.0840, -20.7474, 27.9903



Tritanopia

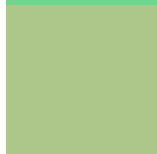
183.4920, 17.0124, -43.4045

Trichromacy



Original Color

175.1420, -15.8460, -50.9905



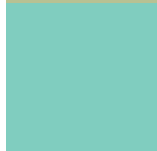
Protanomaly

183.5710, -22.9595, -9.2708



Deuteranomaly

185.0650, -18.7660, -0.9340



Tritanomaly

180.3810, 5.2352, -45.9381

Monochromacy



Original Color

175.1420, -15.8460, -50.9905



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.9840, -5.9081, -18.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.1420, -15.8460, -50.9905 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(117, 211, 143)` looks like.

```
.text, #text, p{  
    color:rgb(117, 211, 143)  
}
```

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(117, 211, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 211, 143) }
```

Border

The CSS property to change the border of an element to YUV 175.1420, -15.8460, -50.9905 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(117, 211, 143) }
```


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

```
.border{ border-color:rgb(117, 211, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 211, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 211, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 211, 143); box-shadow:4px 4px 4px 4px rgb(117, 211, 143) }
```

Background

The CSS property to change the background color of an element to YUV 175.1420, -15.8460, -50.9905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 211, 143) }
```

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

```
.background{ background-color: rgb(117,  
211, 143) }
```

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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