

Converting Colors

YUV(175.8590, -13.2415,
-46.3573)

Have a look what the booklet for
YUV(175.8590, -13.2415, -46.3573)
contains.

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Color

**YUV(175.8590, -13.2415,
-46.3573)**

Conversions

Conversions Part 1

Format	Color
Hex	7BD095
RGB	123, 208, 149
RGB Percent	48%, 82%, 58%
CMY	0.5176, 0.1843, 0.4157
CMYK	0.41, 0.00, 0.28, 0.18
HSL	138°, 47%, 65%
HSV	138°, 41%, 82%
XYZ	36.1491, 51.4926, 36.4676
YIQ	175.8590, -31.7210, -36.3690

Conversions

Conversions Part 2

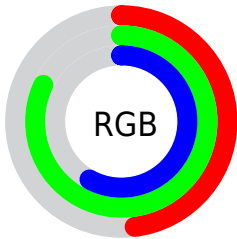
Format	Color
RYB	123, 188, 208
Decimal	8114325
CIELab	76.98, -38.50, 21.41
CIELCh	77, 44.052, 150.919
Yxy	51.4926, 0.2913, 0.4149
Android (android.graphics.Color)	4286304405 (0xFF7BD095)
YUV	175.8590, -13.2415, -46.3573
Hunter-Lab	71.7584, -35.6558, 20.0997

Details

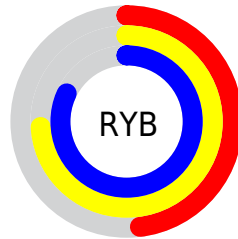
The YUV color **175.8590, -13.2415, -46.3573** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **155.1410, 13.2415, 46.3573**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.3480, -11.5106, -41.5242**, and **121.3150, -11.4943, -46.7573** is the 20% darker color. If you saturate the color by 10%, you get **167.9840, -16.2611, -57.8680**, and if you desaturate by 10%, it is **183.7340, -10.2219, -34.8467**.

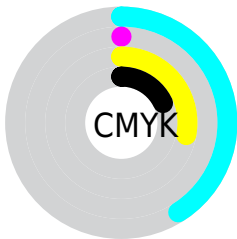
Distribution



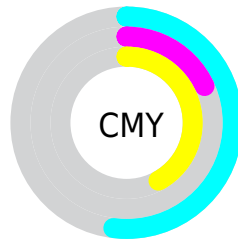
- Red (48%)
- Green (82%)
- Blue (58%)



- Red (48%)
- Yellow (74%)
- Blue (82%)



- Cyan (41%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)



- Cyan (52%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8590, -13.2415, -46.3573 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 175.8590, -13.2415, -46.3573 by changing the saturation by 10% instead.

■ 175.8590,
-13.2415, -46.3573

■ 175.8590,
-13.2415, -46.3573

255.0000, 0.0000,
0.0000

■ 148.3860,
-12.5153, -45.9425

■ 226.3480,
-11.5106, -41.5242

■ 121.3150,
-11.4943, -46.7573

■ 238.0260, -2.9708,
-27.2098

■ 94.6460, -10.1785,
-48.8015

■ 249.3190, 2.8007,
-11.6808

■ 65.1010, -6.9518,
-57.0936

■ 47.9180, -9.3266,
-42.0241

■ 31.6810, -13.1537,
-27.7842

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 175.8590,
-13.2415, -46.3573

■ 175.8590,
-13.2415, -46.3573

■ 167.9840,
-16.2611, -57.8680

■ 183.7340,
-10.2219, -34.8467

■ 159.9950,
-19.7175, -69.2786

■ 191.7230, -6.7654,
-23.4361

■ 152.4190,
-22.8846, -80.1745

■ 199.2990, -3.5984,
-12.5402

■ 144.4300,
-26.3410, -91.5851

■ 207.2880, -0.1420,
-1.1296

■ 136.5550,
-29.3606, -103.0957

■ 215.1630, 2.8776,
10.3810

■ 129.3920,
-32.2383, -113.4768

■ 223.1520, 6.3341,
21.7917

■ 226.8410, 11.4174,
24.6954

■ 227.4110, 13.6014,
24.1956

Harmonies

Analogous

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



182.5790, -31.8374, -8.4008



175.8590, -13.2415, -46.3573



163.7450, 12.9437, -91.8614

Triad

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



175.8590, -13.2415, -46.3573



181.8180, 36.0787, -45.4444



188.4390, -18.9504, 58.3740

Complementary

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



175.8590, -13.2415, -46.3573



155.1410, 13.2415, 46.3573

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.



190.6510, -0.3209, 56.4341



175.8590, -13.2415, -46.3573



192.7470, 30.6907, 2.8529

Square

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



175.8590, -13.2415, -46.3573



161.0660, 46.3095, -107.0519



195.4330, 17.0415, 40.8393



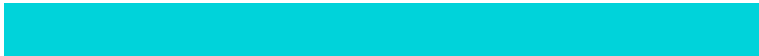
189.9700, -34.4952, 50.8923

Rectangle

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



175.8590, -13.2415, -46.3573



148.7090, 34.1605, -130.4178



195.4330, 17.0415, 40.8393



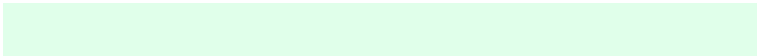
188.1600, -12.4039, 58.6187

Sweetspot

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



175.8590, -13.2415, -46.3573



243.3370, -4.6031, -16.9585



190.8350, -33.4427, -6.8713



121.1360, -3.0250, -9.7663



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.



175.8590, -13.2415, -46.3573



207.7070, -19.5756, -68.1490



180.6470, 5.1040, -50.5564



100.7990, -1.8729, -5.9627



104.4300, -26.3410, -91.5851



25.4350, -6.6235, -22.3065

Inverse Universe

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



155.1410, 13.2415, 46.3573



177.2930, 19.5756, 68.1490



150.3530, -5.1040, 50.5564



98.0870, 1.4361, 6.0627



63.5700, 26.3410, 91.5851



15.4510, 6.1867, 22.4065

Previews

White Background



This preview shows how the YUV color 175.8590, -13.2415, -46.3573 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 175.8590, -13.2415, -46.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

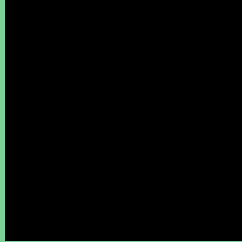
Any Text WCAG AA ✓ Pass

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 175.8590, -13.2415, -46.3573 Background



This preview shows how black text looks on a background with the YUV color 175.8590, -13.2415, -46.3573.



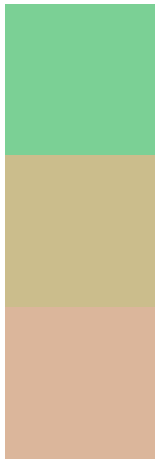
This preview shows how white text looks on a background with the YUV color 175.8590, -13.2415, -46.3573.

-46.3573.

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

175.8590, -13.2415, -46.3573

Protanopia

187.6000, -23.4668, 13.5058

Deuteranopia

189.9850, -17.2476, 25.4462



Tritanopia

182.5850, 15.9806, -39.1010

Trichromacy



Original Color

175.8590, -13.2415, -46.3573



Protanomaly

183.3800, -19.9073, -8.2263



Deuteranomaly

184.5750, -15.5665, -0.5043



Tritanomaly

180.1150, 5.3663, -41.3199

Monochromacy



Original Color

175.8590, -13.2415, -46.3573



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.2230, -5.0399, -16.8586

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8590, -13.2415, -46.3573 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(123, 208, 149)` looks like.

```
.text, #text, p{  
    color:rgb(123, 208, 149)  
}
```

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(123, 208, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 208, 149) }
```

Border

The CSS property to change the border of an element to YUV 175.8590, -13.2415, -46.3573 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(123, 208, 149) }
```


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

```
.border{ border-color:rgb(123, 208, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 208, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 208, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 208, 149);  
box-shadow:4px 4px 4px 4px rgb(123, 208,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 175.8590, -13.2415, -46.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 208, 149) }
```

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

```
.background{ background-color: rgb(123,  
208, 149) }
```

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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