

Converting Colors

YUV(159.7020, -15.1361,
-45.3427)

Have a look what the booklet for
YUV(159.7020, -15.1361, -45.3427)
contains.

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Color

**YUV(159.7020, -15.1361,
-45.3427)**

Conversions

Conversions Part 1

Format	Color
Hex	6CC081
RGB	108, 192, 129
RGB Percent	42%, 75%, 51%
CMY	0.5765, 0.2471, 0.4941
CMYK	0.44, 0.00, 0.33, 0.25
HSL	135°, 40%, 59%
HSV	135°, 44%, 75%
XYZ	28.9964, 42.4724, 27.4386
YIQ	159.7020, -29.8410, -37.4010

Conversions

Conversions Part 2

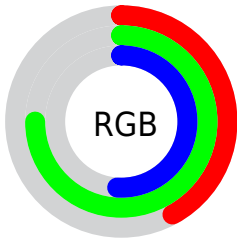
Format	Color
RYB	108, 175, 192
Decimal	7127169
CIELab	71.20, -39.25, 24.01
CIELCh	71, 46.010, 148.545
Yxy	42.4724, 0.2932, 0.4294
Android (android.graphics.Color)	4285317249 (0xFF6CC081)
YUV	159.7020, -15.1361, -45.3427
Hunter-Lab	65.1709, -34.6291, 20.6570

Details

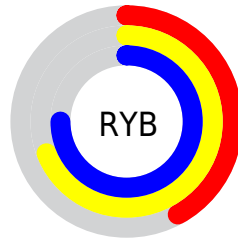
The YUV color **159.7020, -15.1361, -45.3427** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **140.2980, 15.1361, 45.3427**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6480, -16.5885, -46.1723**, and **105.8590, -13.2415, -46.3573** is the 20% darker color. If you saturate the color by 10%, you get **152.4250, -18.4505, -55.6237**, and if you desaturate by 10%, it is **166.9790, -11.8216, -35.0616**.

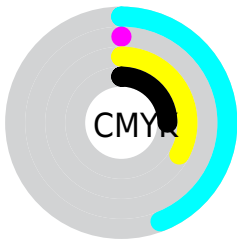
Distribution



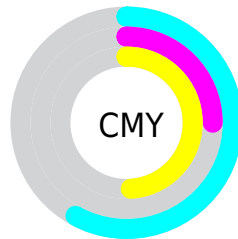
- Red (42%)
- Green (75%)
- Blue (51%)



- Red (42%)
- Yellow (69%)
- Blue (75%)



- Cyan (44%)
- Magenta (0%)
- Yellow (33%)
- Black (25%)



- Cyan (58%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7020, -15.1361, -45.3427 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 159.7020, -15.1361, -45.3427 by changing the saturation by 10% instead.

■ 159.7020,
-15.1361, -45.3427

■ 159.7020,
-15.1361, -45.3427

■ 255.0000, 0.0000,
0.0000

■ 132.9300,
-14.2625, -45.5426

■ 215.6480,
-16.5885, -46.1723

■ 105.8590,
-13.2415, -46.3573

■ 230.7340,
-10.2219, -34.8467

■ 78.1080, -10.8992,
-50.9607

■ 242.5970, -2.2663,
-19.8176

■ 54.8310, -10.7627,
-48.0868

■ 253.5050, 0.7370,
-3.0739

■ 38.2350, -13.4269,
-33.5321

■ 24.0670, -11.8650,
-21.1068

■ 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 159.7020,
-15.1361, -45.3427

■ 159.7020,
-15.1361, -45.3427

■ 152.4250,
-18.4505, -55.6237

■ 166.9790,
-11.8216, -35.0616

■ 145.0340,
-22.2018, -65.8048

■ 174.3700, -8.0704,
-24.8805

■ 137.4580,
-25.3688, -76.7007

■ 181.9460, -4.9034,
-13.9846

■ 130.0670,
-29.1200, -86.8818

■ 189.3370, -1.1521,
-3.8035

■ 122.7900,
-32.4345, -97.1628

■ 196.6140, 2.1623,
6.4775

■ 118.1760,
-34.5968, -103.6404

■ 203.8910, 5.4767,
16.7586

■ 211.2820, 9.2280,
26.9397

■ 216.7650, 13.4269,
33.5321

■ 218.0190, 18.2316,
32.4323

Harmonies

Analogous

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



166.7210, -33.8795, -6.7713



159.7020, -15.1361, -45.3427



139.9280, 15.3185, -106.9309

Triad

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



159.7020, -15.1361, -45.3427



164.3420, 44.6944, -55.5509



175.6790, -19.5617, 67.8105

Complementary

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



159.7020, -15.1361, -45.3427



140.2980, 15.1361, 45.3427

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.



177.5210, 0.2361, 64.4411



159.7020, -15.1361, -45.3427



176.8650, 35.0696, -1.6356

Square

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



159.7020, -15.1361, -45.3427



139.4600, 52.0312, -122.3064



179.7040, 19.3729, 39.7246



173.6930, -34.3586, 53.7662

Rectangle

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



159.7020, -15.1361, -45.3427



137.8520, 30.6390, -120.8962



179.7040, 19.3729, 39.7246



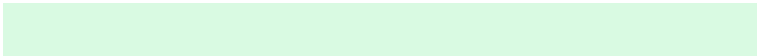
176.1120, -12.8732, 69.1848

Sweetspot

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



159.7020, -15.1361, -45.3427



237.3970, -5.6187, -17.8882



176.1450, -33.5955, -4.5122



117.3100, -3.6038, -10.7959



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



159.7020, -15.1361, -45.3427



198.9470, -23.6379, -71.8675



164.4900, 3.2094, -49.5417



93.2120, -1.5835, -5.4479



99.0670, -29.1200, -86.8818



20.2830, -6.0555, -17.7882

Inverse Universe

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



140.2980, 15.1361, 45.3427



168.1670, 24.0747, 71.7675



135.5100, -3.2094, 49.5417



90.7880, 1.5835, 5.4479



61.8190, 28.6832, 86.9817



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 159.7020, -15.1361, -45.3427 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 159.7020, -15.1361, -45.3427 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 159.7020, -15.1361, -45.3427 Background



This preview shows how black text looks on a background with the YUV color 159.7020, -15.1361, -45.3427.



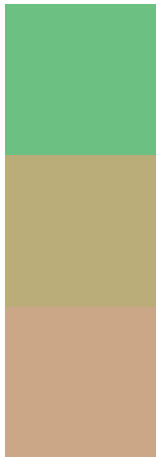
This preview shows how white text looks on a background with the YUV color 159.7020, -15.1361, -45.3427.

-45.3427.

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

159.7020, -15.1361, -45.3427

Protanopia

171.2580, -24.7772, 13.8057

Deuteranopia

173.5290, -18.9948, 25.8461



Tritanopia

166.7700, 15.3964, -38.3863

Trichromacy



Original Color

159.7020, -15.1361, -45.3427



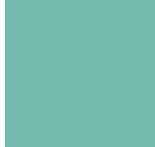
Protanomaly

167.0380, -21.2177, -7.9263



Deuteranomaly

168.1190, -17.3137, -0.1044



Tritanomaly

164.1860, 4.3453, -40.5051

Monochromacy



Original Color

159.7020, -15.1361, -45.3427



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.1090, -5.4767, -16.7586

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7020, -15.1361, -45.3427 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, 192, 129)` looks like.

```
.text, #text, p{  
    color:rgb(108, 192, 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(108, 192, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 192, 129) }
```

Border

The CSS property to change the border of an element to YUV 159.7020, -15.1361, -45.3427 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

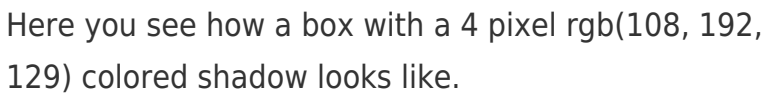
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 192, 129) }
```


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

```
.border{ border-color:rgb(108, 192, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 192, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 192, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 192, 129); box-shadow:4px 4px 4px 4px rgb(108, 192, 129) }
```

Background

The CSS property to change the background color of an element to YUV 159.7020, -15.1361, -45.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 192, 129) }
```

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

```
.background{ background-color: rgb(108,  
192, 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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