

Converting Colors

YUV(165.6760, -19.0673,
-44.4429)

Have a look what the booklet for
YUV(165.6760, -19.0673, -44.4429)
contains.

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Color

**YUV(165.6760, -19.0673,
-44.4429)**

Conversions

Conversions Part 1

Format	Color
Hex	73C77F
RGB	115, 199, 127
RGB Percent	45%, 78%, 50%
CMY	0.5490, 0.2196, 0.5020
CMYK	0.42, 0.00, 0.36, 0.22
HSL	129°, 43%, 62%
HSV	129°, 42%, 78%
XYZ	31.3244, 46.0240, 27.3112
YIQ	165.6760, -26.9520, -40.2000

Conversions

Conversions Part 2

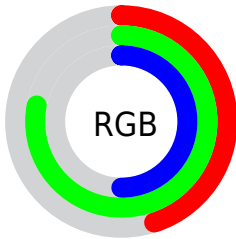
Format	Color
RYB	115, 189, 199
Decimal	7587711
CIELab	73.56, -40.67, 28.28
CIElCh	74, 49.537, 145.182
Yxy	46.0240, 0.2993, 0.4397
Android (android.graphics.Color)	4285777791 (0xFF73C77F)
YUV	165.6760, -19.0673, -44.4429
Hunter-Lab	67.8410, -36.3024, 23.6199

Details

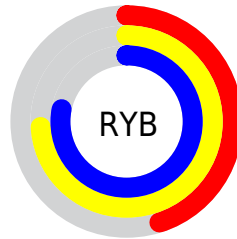
The YUV color **165.6760, -19.0673, -44.4429** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **148.3240, 19.0673, 44.4429**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.0350, -20.2303, -44.7577**, and **111.2460, -16.8833, -44.9427** is the 20% darker color. If you saturate the color by 10%, you get **157.7580, -23.5447, -55.0388**, and if you desaturate by 10%, it is **173.5940, -14.5898, -33.8469**.

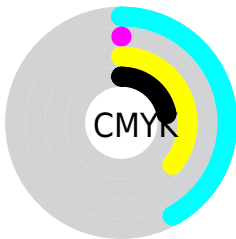
Distribution



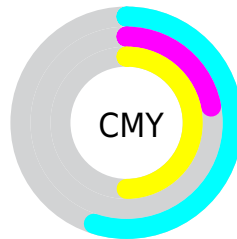
- Red (45%)
- Green (78%)
- Blue (50%)



- Red (45%)
- Yellow (74%)
- Blue (78%)



- Cyan (42%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (55%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.6760, -19.0673, -44.4429 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 165.6760, -19.0673, -44.4429 by changing the saturation by 10% instead.

■ 165.6760,
-19.0673, -44.4429

■ 165.6760,
-19.0673, -44.4429

255.0000, 0.0000,
0.0000

■ 138.3170,
-17.9043, -44.1280

■ 221.0350,
-20.2303, -44.7577

■ 111.2460,
-16.8833, -44.9427

■ 232.8980,
-12.2747, -29.7285

■ 83.9790, -15.2726,
-48.2166

■ 244.8750, -3.8824,
-14.7994

■ 58.0110, -13.8094,
-50.8756

■ 40.6000, -17.0578,
-35.6062

■ 27.0020, -13.3120,
-23.6808

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 165.6760,
-19.0673, -44.4429

■ 165.6760,
-19.0673, -44.4429

■ 157.7580,
-23.5447, -55.0388

■ 173.5940,
-14.5898, -33.8469

■ 149.8400,
-28.0221, -65.6347

■ 181.5120,
-10.1124, -23.2510

■ 141.9220,
-32.4995, -76.2306

■ 189.4300, -5.6350,
-12.6551

■ 134.0040,
-36.9770, -86.8265

■ 197.3480, -1.1576,
-2.0592

■ 126.3850,
-41.6018, -96.8076

■ 205.2660, 3.3199,
8.5367

■ 120.0050,
-45.3585, -105.2444

■ 212.8850, 7.9447,
18.5179

■ 220.8030, 12.4221,
29.1138

■ 222.1280, 16.2059,
28.8287

Harmonies

Analogous

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



173.3040, -38.1109, -2.8976



165.6760, -19.0673, -44.4429



142.0470, 14.7668, -116.6822

Triad

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



165.6760, -19.0673, -44.4429



164.8410, 44.4484, -70.0206



178.4770, -16.5042, 67.1107

Complementary

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



165.6760, -19.0673, -44.4429



148.3240, 19.0673, 44.4429

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.



182.4330, 3.7305, 63.6413



165.6760, -19.0673, -44.4429



181.7610, 36.1068, -7.6834

Square

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



165.6760, -19.0673, -44.4429



145.7690, 53.3579, -127.8394



185.7300, 23.3041, 38.8248



179.9820, -35.9801, 60.5288

Rectangle

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



165.6760, -19.0673, -44.4429



142.8900, 29.6342, -125.3145



185.7300, 23.3041, 38.8248



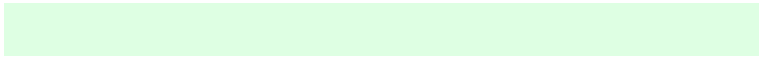
178.8990, -9.8102, 66.7406

Sweetspot

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



165.6760, -19.0673, -44.4429



241.9410, -7.3659, -17.4883



186.1350, -35.0696, 1.6356



119.6690, -4.7668, -11.1107



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.



165.6760, -19.0673, -44.4429



203.4760, -29.3217, -68.8235



170.3500, -1.1585, -48.5419



95.3970, -2.1677, -4.7332



98.3030, -37.1244, -86.2117



21.7020, -8.2341, -19.0327

Inverse Universe

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



148.3240, 19.0673, 44.4429



176.5240, 29.3217, 68.8235



143.6500, 1.1585, 48.5419



93.6030, 2.1677, 4.7332



64.6970, 37.1244, 86.2117



14.2980, 8.2341, 19.0327

Previews

White Background



This preview shows how the YUV color 165.6760, -19.0673, -44.4429 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 165.6760, -19.0673, -44.4429 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 165.6760, -19.0673, -44.4429 Background



This preview shows how black text looks on a background with the YUV color 165.6760, -19.0673, -44.4429.



This preview shows how white text looks on a background with the YUV color 165.6760, -19.0673, -44.4429.

-44.4429.

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

165.6760, -19.0673, -44.4429

Protanopia

177.5310, -28.8558, 15.3203

Deuteranopia

179.5140, -22.9314, 28.4902



Tritanopia

174.0690, 15.2490, -37.7715

Trichromacy



Original Color

165.6760, -19.0673, -44.4429

Protanomaly

173.3110, -25.2963, -6.4117

Deuteranomaly

174.6910, -21.5397, 2.0250

Tritanomaly

170.8440, 3.0349, -40.2052

Monochromacy



Original Color

165.6760, -19.0673, -44.4429

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.7670, -6.7871, -16.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.6760, -19.0673, -44.4429 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(115, 199, 127)` looks like.

```
.text, #text, p{  
    color:rgb(115, 199, 127)  
}
```

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(115, 199, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 199, 127) }
```

Border

The CSS property to change the border of an element to YUV 165.6760, -19.0673, -44.4429 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(115, 199, 127) }
```


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

```
.border{ border-color:rgb(115, 199, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 199, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 199, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 199, 127);  
box-shadow:4px 4px 4px 4px rgb(115, 199,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 165.6760, -19.0673, -44.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 199, 127) }
```

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

```
.background{ background-color: rgb(115,  
199, 127) }
```

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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