

Converting Colors

YUV(163.5560, -17.0361,
-42.5836)

Have a look what the booklet for
YUV(163.5560, -17.0361, -42.5836)
contains.

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Color

**YUV(163.5560, -17.0361,
-42.5836)**

Conversions

Conversions Part 1

Format	Color
Hex	73C381
RGB	115, 195, 129
RGB Percent	45%, 76%, 51%
CMY	0.5490, 0.2353, 0.4941
CMYK	0.41, 0.00, 0.34, 0.24
HSL	130°, 40%, 61%
HSV	130°, 41%, 76%
XYZ	30.5478, 44.2600, 27.7019
YIQ	163.5560, -26.4940, -37.4860

Conversions

Conversions Part 2

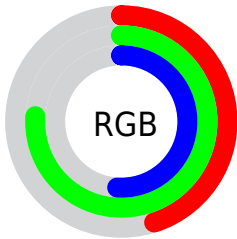
Format	Color
RYB	115, 183, 195
Decimal	7586689
CIELab	72.40, -38.55, 25.69
CIELCh	72, 46.325, 146.324
Yxy	44.2600, 0.2980, 0.4318
Android (android.graphics.Color)	4285776769 (0xFF73C381)
YUV	163.5560, -17.0361, -42.5836
Hunter-Lab	66.5282, -34.4625, 21.8818

Details

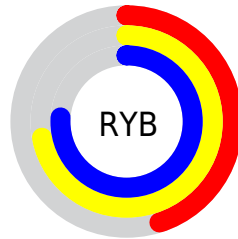
The YUV color **163.5560, -17.0361, -42.5836** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **146.4440, 17.0361, 42.5836**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.5020, -18.4885, -43.4133**, and **110.0120, -15.2889, -42.9835** is the 20% darker color. If you saturate the color by 10%, you get **156.0510, -21.2241, -52.6647**, and if you desaturate by 10%, it is **171.0610, -12.8481, -32.5025**.

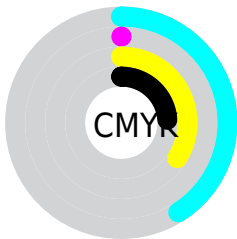
Distribution



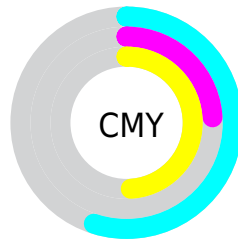
- Red (45%)
- Green (76%)
- Blue (51%)



- Red (45%)
- Yellow (72%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5560, -17.0361, -42.5836 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 163.5560, -17.0361, -42.5836 by changing the saturation by 10% instead.

■ 163.5560,
-17.0361, -42.5836

■ 163.5560,
-17.0361, -42.5836

255.0000, 0.0000,
0.0000

■ 136.1970,
-15.8731, -42.2688

■ 219.5020,
-18.4885, -43.4133

■ 110.0120,
-15.2889, -42.9835

■ 232.8270,
-11.2537, -30.5433

■ 83.0440, -13.8257,
-45.6426

■ 244.8040, -2.8614,
-15.6141

■ 56.5920, -11.6309,
-49.6312

■ 39.2950, -14.4424,
-34.4617

■ 25.2410, -12.4438,
-22.1364

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 163.5560,
-17.0361, -42.5836

■ 163.5560,
-17.0361, -42.5836

■ 156.0510,
-21.2241, -52.6647

■ 171.0610,
-12.8481, -32.5025

■ 148.2470,
-25.2648, -63.3606

■ 178.8650, -8.8074,
-21.8066

■ 140.7420,
-29.4528, -73.4417


■ 186.6690, -4.7668,
-11.1107

■ 132.9380,
-33.4934, -84.1376


■ 194.1740, -0.5788,
-1.0296

■ 125.4330,
-37.6815, -94.2187

■ 201.9780, 3.4618,
9.6663

 118.3410,
-41.5801, -103.7851

 209.5970, 8.0867,
19.6474

 217.4010, 12.1273,
30.3433

 219.7800, 17.3635,
30.8879

Harmonies

Analogous

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



170.1020, -35.0533, -3.5975



163.5560, -17.0361, -42.5836



147.0710, 11.7970, -97.4093

Triad

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



163.5560, -17.0361, -42.5836



165.4940, 44.1265, -60.0692



178.1350, -17.8146, 67.4106

Complementary

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



163.5560, -17.0361, -42.5836



146.4440, 17.0361, 42.5836

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.



180.9770, 1.9833, 64.0412



163.5560, -17.0361, -42.5836



179.7720, 36.1014, -5.9390

Square

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



163.5560, -17.0361, -42.5836



142.0360, 51.7473, -124.5656



182.7360, 20.8362, 37.0655



177.1170, -34.0747, 56.0254

Rectangle

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



163.5560, -17.0361, -42.5836



140.2000, 29.4814, -122.9554



182.7360, 20.8362, 37.0655



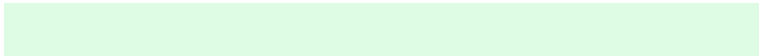
178.5570, -11.1206, 67.0405

Sweetspot

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



163.5560, -17.0361, -42.5836



240.1800, -6.4977, -15.9439



181.9930, -33.0275, 0.0061



120.9080, -3.8986, -9.5663



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.



163.5560, -17.0361, -42.5836



203.5950, -26.4223, -65.4198



168.0020, -0.0010, -46.4828



93.0980, -2.0203, -5.3479



97.6990, -34.3616, -85.6820



20.0550, -6.9291, -17.5882

Inverse Universe

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



146.4440, 17.0361, 42.5836



177.4050, 26.4223, 65.4198



141.9980, 0.0010, 46.4828



90.9020, 2.0203, 5.3479



63.3010, 34.3616, 85.6820



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 163.5560, -17.0361, -42.5836 looks on a white background.

Color Contrast Check

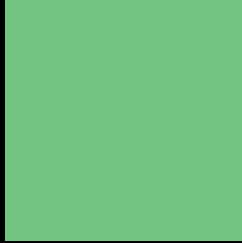
Large Text (above 18pt) WCAG AA × Fail

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 163.5560, -17.0361, -42.5836 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 163.5560, -17.0361, -42.5836 Background



This preview shows how black text looks on a background with the YUV color 163.5560, -17.0361, -42.5836.



This preview shows how white text looks on a background with the YUV color 163.5560, -17.0361, -42.5836.

-42.5836.

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

163.5560, -17.0361, -42.5836

Protanopia

174.8020, -26.5244, 14.2056

Deuteranopia

176.7850, -20.6000, 27.3756



Tritanopia

170.9660, 14.8068, -35.9272

Trichromacy



Original Color

163.5560, -17.0361, -42.5836

Protanomaly

170.8810, -23.1123, -6.9116

Deuteranomaly

171.6740, -19.0663, 2.0399

Tritanomaly

168.2680, 3.3189, -37.9460

Monochromacy



Original Color

163.5560, -17.0361, -42.5836

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.5930, -6.2083, -15.4291

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5560, -17.0361, -42.5836 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, 195, 129)` looks like.

```
.text, #text, p{  
    color:rgb(115, 195, 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(115, 195, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 195, 129) }
```

Border

The CSS property to change the border of an element to YUV 163.5560, -17.0361, -42.5836 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, 195, 129) }
```


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

```
.border{ border-color:rgb(115, 195, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 195, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 195, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 195, 129);  
box-shadow:4px 4px 4px 4px rgb(115, 195,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 163.5560, -17.0361, -42.5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 195, 129) }
```

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

```
.background{ background-color: rgb(115,  
195, 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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