

Converting Colors

YUV(162.6090, -17.5552,
-62.8011)

Have a look what the booklet for
YUV(162.6090, -17.5552, -62.8011)
contains.

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Color

**YUV(162.6090, -17.5552,
-62.8011)**

Conversions

Conversions Part 1

Format	Color
Hex	5BCE7F
RGB	91, 206, 127
RGB Percent	36%, 81%, 50%
CMY	0.6431, 0.1922, 0.5020
CMYK	0.56, 0.00, 0.38, 0.19
HSL	139°, 54%, 58%
HSV	139°, 56%, 81%
XYZ	30.2165, 47.8991, 27.7315
YIQ	162.6090, -43.1810, -48.9490

Conversions

Conversions Part 2

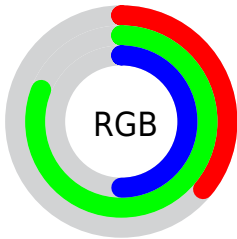
Format	Color
RYB	91, 179, 206
Decimal	6016639
CIELab	74.76, -49.96, 29.71
CIELCh	75, 58.129, 149.263
Yxy	47.8991, 0.2855, 0.4525
Android (android.graphics.Color)	4284206719 (0xFF5BCE7F)
YUV	162.6090, -17.5552, -62.8011
Hunter-Lab	69.2092, -43.1836, 24.6894

Details

The YUV color **162.6090, -17.5552, -62.8011** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **134.3910, 17.5552, 62.8011**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7560, -17.1347, -57.6680**, and **103.0960, -12.8653, -73.7522** is the 20% darker color. If you saturate the color by 10%, you get **154.7340, -20.5749, -74.3117**, and if you desaturate by 10%, it is **170.4840, -14.5356, -51.2905**.

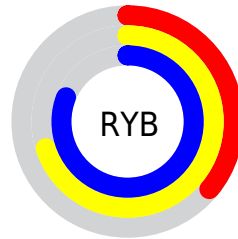
Distribution



Red (36%)

Green (81%)

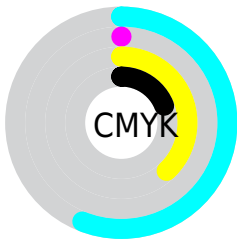
Blue (50%)



Red (36%)

Yellow (70%)

Blue (81%)

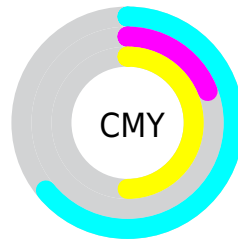


Cyan (56%)

Magenta (0%)

Yellow (38%)

Black (19%)



Cyan (64%)

Magenta (19%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.6090, -17.5552, -62.8011 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 162.6090, -17.5552, -62.8011 by changing the saturation by 10% instead.

■ 162.6090,
-17.5552, -62.8011

■ 162.6090,
-17.5552, -62.8011

■ 255.0000, 0.0000,
0.0000

■ 133.9400,
-16.2394, -64.8454

■ 214.7560,
-17.1347, -57.6680

■ 103.0960,
-12.8653, -73.7522

■ 226.6190, -9.1792,
-42.6389

■ 78.8300, -12.7342,
-69.1339

■ 238.8950, -0.9342,
-27.0949

■ 60.9460, -15.2564,
-53.4496

■ 249.6180, 2.6533,
-11.0660

■ 43.4210, -18.9416,
-38.0802

■ 29.3500, -14.4695,
-25.7399

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 162.6090,
-17.5552, -62.8011

■ 162.6090,
-17.5552, -62.8011

■ 154.7340,
-20.5749, -74.3117

■ 170.4840,
-14.5356, -51.2905

■ 147.1580,
-23.7419, -85.2076

■ 178.0600,
-11.3686, -40.3946

■ 139.2830,
-26.7615, -96.7182

■ 185.9350, -8.3490,
-28.8840

■ 131.5930,
-30.3653, -107.5141

■ 193.6250, -4.7451,
-18.0881

■ 128.2180,
-31.6595, -112.4472

■ 201.5000, -1.7255,
-6.5775

■ 209.3750, 1.2941,
4.9331

■ 216.9510, 4.4612,
15.8290

■ 224.5270, 7.6282,
26.7248

■ 226.1230, 13.7434,
25.3251

Harmonies

Analogous

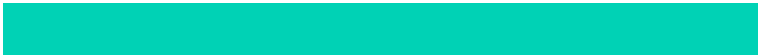
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173.2940, -43.0359, -9.9048



162.6090, -17.5552, -62.8011



143.9040, 18.2883, -126.2038

Triad

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



162.6090, -17.5552, -62.8011



161.2310, 46.2281, -80.8866



175.5760, -20.0040, 69.6548

Complementary

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



162.6090, -17.5552, -62.8011



134.3910, 17.5552, 62.8011

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.



178.0960, 4.8827, 67.4448



162.6090, -17.5552, -62.8011



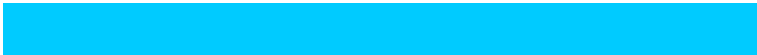
183.8760, 35.0641, 0.1087

Square

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



162.6090, -17.5552, -62.8011



148.2310, 52.6371, -129.9986



188.9750, 25.1553, 51.7649



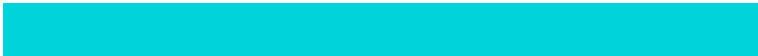
181.2400, -43.9953, 64.6875

Rectangle

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



162.6090, -17.5552, -62.8011



148.7090, 34.1605, -130.4178



188.9750, 25.1553, 51.7649



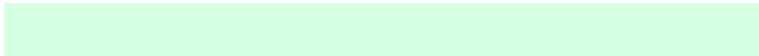
175.1660, -11.4208, 70.0144

Sweetspot

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



162.6090, -17.5552, -62.8011



238.7230, -6.7654, -23.4361



182.4250, -45.0725, -10.0197



118.1740, -4.0298, -14.1846



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.



162.6090, -17.5552, -62.8011



190.5330, -25.8988, -93.4294



168.9930, 6.9055, -68.3999



98.2120, -1.5835, -5.4479



103.3700, -25.3254, -90.6555



23.6740, -5.7553, -20.7621

Inverse Universe

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



134.3910, 17.5552, 62.8011



148.5810, 26.3356, 93.3295



128.0070, -6.9055, 68.3999



95.7880, 1.5835, 5.4479



62.6300, 25.3254, 90.6555



14.3260, 5.7553, 20.7621

Previews

White Background



This preview shows how the YUV color 162.6090, -17.5552, -62.8011 looks on a white background.

Color Contrast Check

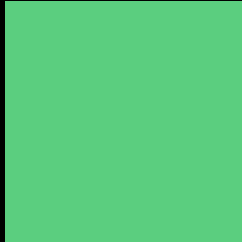
Large Text (above 18pt) WCAG AA × Fail

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 162.6090, -17.5552, -62.8011 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

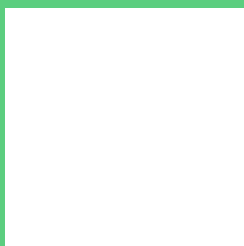
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 162.6090, -17.5552, -62.8011 Background



This preview shows how black text looks on a background with the YUV color 162.6090, -17.5552, -62.8011.



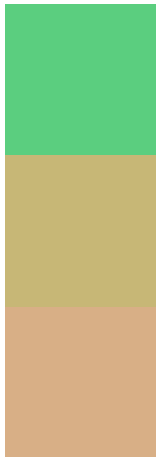
This preview shows how white text looks on a background with the YUV color 162.6090, -17.5552, -62.8011.

-62.8011.

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

162.6090, -17.5552, -62.8011

Protanopia

180.3740, -30.7504, 16.3350

Deuteranopia

182.5850, -23.9524, 29.3050



Tritanopia

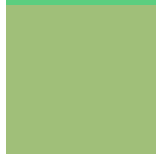
173.3060, 19.0761, -52.0114

Trichromacy



Original Color

162.6090, -17.5552, -62.8011



Protanomaly

173.7510, -26.0062, -12.0596



Deuteranomaly

175.2450, -21.8128, -3.7229



Tritanomaly

169.7280, 5.5571, -55.8895

Monochromacy



Original Color

162.6090, -17.5552, -62.8011



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.1360, -6.4760, -22.9213

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.6090, -17.5552, -62.8011 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(91, 206, 127)` looks like.

```
.text, #text, p{  
    color:rgb(91, 206, 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(91, 206, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 206, 127) }
```

Border

The CSS property to change the border of an element to YUV 162.6090, -17.5552, -62.8011 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(91, 206, 127) }
```


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

```
.border{ border-color:rgb(91, 206, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 206, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 206, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 206, 127);  
box-shadow:4px 4px 4px 4px rgb(91, 206,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 162.6090, -17.5552, -62.8011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 206, 127) }
```

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

```
.background{ background-color: rgb(91, 206,  
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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