

Converting Colors

YUV(162.1700, -1.5628,
-58.9081)

Have a look what the booklet for
YUV(162.1700, -1.5628, -58.9081)
contains.

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Color

**YUV(162.1700, -1.5628,
-58.9081)**

Conversions

Conversions Part 1

Format	Color
Hex	5FC59F
RGB	95, 197, 159
RGB Percent	37%, 77%, 62%
CMY	0.6275, 0.2275, 0.3765
CMYK	0.52, 0.00, 0.19, 0.23
HSL	158°, 47%, 57%
HSV	158°, 52%, 77%
XYZ	30.9436, 44.8686, 39.8305
YIQ	162.1700, -48.5940, -33.4420

Conversions

Conversions Part 2

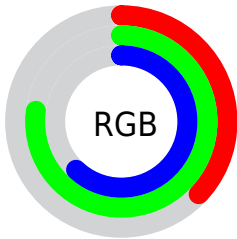
Format	Color
RYB	95, 158, 197
Decimal	6276511
CIELab	72.81, -38.82, 10.08
CIELCh	73, 40.103, 165.449
Yxy	44.8686, 0.2676, 0.3880
Android (android.graphics.Color)	4284466591 (0xFF5FC59F)
YUV	162.1700, -1.5628, -58.9081
Hunter-Lab	66.9840, -34.7632, 11.6334

Details

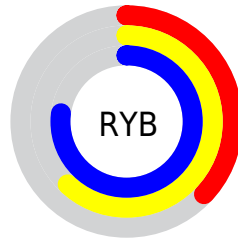
The YUV color **162.1700, -1.5628, -58.9081** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **129.8300, 1.5628, 58.9081**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.9420, -2.4364, -58.7081**, and **105.2340, 1.3636, -64.2262** is the 20% darker color. If you saturate the color by 10%, you get **155.3920, -1.6723, -70.5038**, and if you desaturate by 10%, it is **168.9480, -1.4534, -47.3124**.

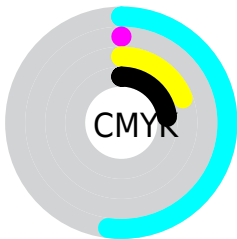
Distribution



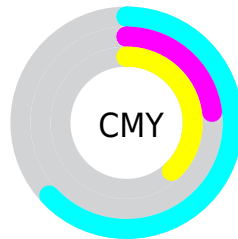
- Red (37%)
- Green (77%)
- Blue (62%)



- Red (37%)
- Yellow (62%)
- Blue (77%)



- Cyan (52%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)



- Cyan (63%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.1700, -1.5628, -58.9081 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 162.1700, -1.5628, -58.9081 by changing the saturation by 10% instead.

■ 162.1700, -1.5628,
-58.9081

■ 162.1700, -1.5628,
-58.9081

255.0000, 0.0000,
0.0000

■ 134.0990, -0.5418,
-59.7228

■ 218.9420, -2.4364,
-58.7081

■ 105.2340, 1.3636,
-64.2262

■ 231.3920, 5.2297,
-44.1938

■ 77.5540, 2.6849,
-68.0149

■ 241.5450, 6.6333,
-27.6650

■ 60.2570, -0.1267,
-52.8454

■ 250.2160, 2.3585,
-9.8364

■ 43.6610, -2.7909,
-38.2907

■ 27.8800, -4.8708,
-24.4508

■ 10.5660, -5.2090,

-9.2664

■ 0.0000, 0.0000,
0.0000

■ 162.1700, -1.5628,
-58.9081

■ 162.1700, -1.5628,
-58.9081

■ 155.3920, -1.6723,
-70.5038

■ 168.9480, -1.4534,
-47.3124

■ 148.7990, -2.3659,
-81.3847

■ 175.5410, -0.7597,
-36.4315

■ 142.0210, -2.4754,
-92.9804

■ 182.3190, -0.6503,
-24.8358

■ 135.2430, -2.5848,
-104.5761

■ 189.0970, -0.5408,
-13.2401

■ 129.7750, -2.8471,
-113.8127

■ 195.9890, 0.0054,
-1.7444

■ 202.4680, 0.2623,
9.2366

■ 209.2460, 0.3717,
20.8323

■ 216.1380, 0.9180,
32.3280

■ 217.5340, 3.6807,
32.8577

Harmonies

Analogous

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



169.8250, -21.6057, -23.5255



162.1700, -1.5628, -58.9081



148.8500, 23.7380, -100.7234

Triad

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



162.1700, -1.5628, -58.9081



178.3420, 34.8344, -19.5939



179.6960, -25.4861, 54.6406

Complementary

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



162.1700, -1.5628, -58.9081



129.8300, 1.5628, 58.9081

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.



181.1540, -9.9359, 60.3779



162.1700, -1.5628, -58.9081



183.2070, 23.0689, 20.8665

Square

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



162.1700, -1.5628, -58.9081



166.2500, 40.7957, -65.1172



183.2570, 7.2683, 48.8866



177.2840, -34.1570, 35.7079

Rectangle

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



162.1700, -1.5628, -58.9081



140.7190, 39.0855, -123.4106



183.2570, 7.2683, 48.8866



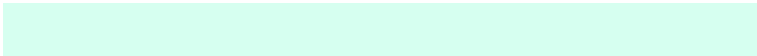
180.5700, -20.9870, 58.2591

Sweetspot

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



162.1700, -1.5628, -58.9081



241.0310, -0.5083, -23.7062



166.5350, -35.2668, -28.5332



119.3850, -0.6828, -14.3696



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.



162.1700, -1.5628, -58.9081



201.0320, -2.4808, -91.2361



159.4580, 18.5082, -56.5297



95.9670, 0.0163, -5.2331



107.3090, -2.6173, -94.1100



23.6400, -0.8085, -20.7323

Inverse Universe

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



129.8300, 1.5628, 58.9081



150.9680, 2.4808, 91.2361



132.5420, -18.5082, 56.5297



93.0330, -0.0163, 5.2331



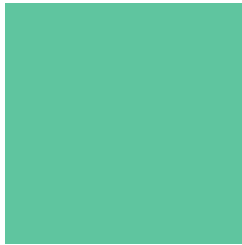
55.6910, 2.6173, 94.1100



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 162.1700, -1.5628, -58.9081 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 162.1700, -1.5628, -58.9081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

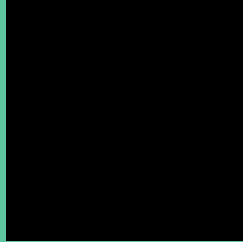
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

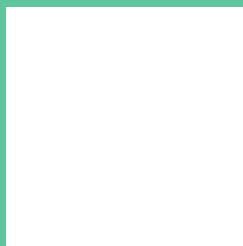
Any Text WCAG AAA ✓ Pass

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

YUV 162.1700, -1.5628, -58.9081 Background



This preview shows how black text looks on a background with the YUV color 162.1700, -1.5628, -58.9081.



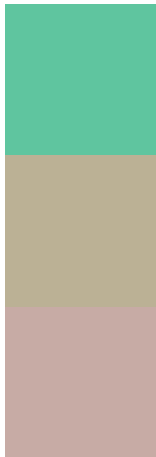
This preview shows how white text looks on a background with the YUV color 162.1700, -1.5628, -58.9081.

-58.9081.

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

162.1700, -1.5628, -58.9081

Protanopia

176.7980, -13.7044, 8.9472

Deuteranopia

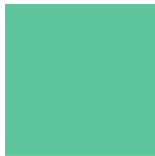
178.6880, -6.7482, 17.8136



Tritanopia

168.1920, 18.6393, -51.9114

Trichromacy



Original Color

162.1700, -1.5628, -58.9081



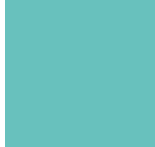
Protanomaly

171.4960, -9.1185, -15.3440



Deuteranomaly

172.3810, -4.6248, -9.9811



Tritanomaly

165.9330, 11.3720, -54.3152

Monochromacy



Original Color

162.1700, -1.5628, -58.9081



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

162.3410, -0.6611, -21.3471

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.1700, -1.5628, -58.9081 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(95, 197, 159)` looks like.

```
.text, #text, p{  
    color:rgb(95, 197, 159)  
}
```

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(95, 197, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 197, 159) }
```

Border

The CSS property to change the border of an element to YUV 162.1700, -1.5628, -58.9081 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(95, 197, 159) }
```


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

```
.border{ border-color:rgb(95, 197, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 197, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 197, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 197, 159);  
box-shadow:4px 4px 4px 4px rgb(95, 197,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 162.1700, -1.5628, -58.9081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 197, 159) }
```

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

```
.background{ background-color: rgb(95, 197,  
159) }
```

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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