

Converting Colors

YUV(165.7010, 3.1054,
-62.8818)

Have a look what the booklet for
YUV(165.7010, 3.1054, -62.8818)
contains.

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Color

**YUV(165.7010, 3.1054,
-62.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC9AC
RGB	94, 201, 172
RGB Percent	37%, 79%, 67%
CMY	0.6314, 0.2118, 0.3255
CMYK	0.53, 0.00, 0.14, 0.21
HSL	164°, 50%, 58%
HSV	164°, 53%, 79%
XYZ	32.9491, 47.1315, 46.3904
YIQ	165.7010, -54.4630, -31.7030

Conversions

Conversions Part 2

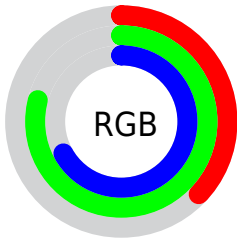
Format	Color
RYB	94, 156, 201
Decimal	6212012
CIELab	74.27, -37.87, 5.15
CIELCh	74, 38.219, 172.255
Yxy	47.1315, 0.2605, 0.3727
Android (android.graphics.Color)	4284402092 (0xFF5EC9AC)
YUV	165.7010, 3.1054, -62.8818
Hunter-Lab	68.6524, -34.4722, 7.9927

Details

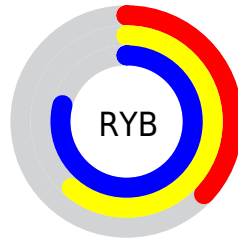
The YUV color **165.7010, 3.1054, -62.8818** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **129.2990, -3.1054, 62.8818**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.0110, 2.9526, -60.5226**, and **107.4550, 6.1847, -70.5590** is the 20% darker color. If you saturate the color by 10%, you get **159.1510, 3.8696, -74.6774**, and if you desaturate by 10%, it is **172.2510, 2.3413, -51.0861**.

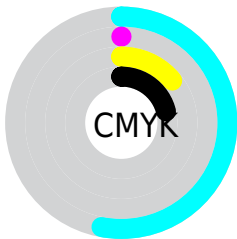
Distribution



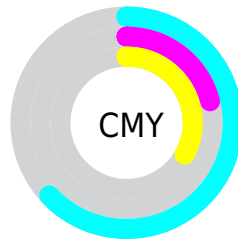
- Red (37%)
- Green (79%)
- Blue (67%)



- Red (37%)
- Yellow (61%)
- Blue (79%)



- Cyan (53%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (63%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.7010, 3.1054, -62.8818 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 165.7010, 3.1054, -62.8818 by changing the saturation by 10% instead.

■ 165.7010, 3.1054,
-62.8818

■ 165.7010, 3.1054,
-62.8818

■ 255.0000, 0.0000,
0.0000

■ 137.2170, 3.8370,
-64.2113

■ 221.0110, 2.9526,
-60.5226

■ 107.4550, 6.1847,
-70.5590

■ 232.8740, 10.9081,
-45.4935

■ 81.2700, 6.7689,
-71.2738

■ 241.5450, 6.6333,
-27.6650

■ 63.8590, 3.5205,
-56.0043

■ 250.5150, 2.2111,
-9.2217

■ 46.6760, 1.1457,
-40.9349

■ 30.7810, -1.3710,
-26.9949

■ 14.3160, -6.0718,

-12.5551

■ 0.0000, 0.0000,
0.0000

■ 165.7010, 3.1054,
-62.8818

■ 165.7010, 3.1054,
-62.8818

■ 159.1510, 3.8696,
-74.6774

■ 172.2510, 2.3413,
-51.0861

■ 152.4870, 4.1969,
-86.3731

■ 178.9150, 2.0139,
-39.3905

■ 145.9370, 4.9611,
-98.1687

■ 185.4650, 1.2498,
-27.5948

■ 139.2730, 5.2884,
-109.8644

■ 192.1290, 0.9224,
-15.8991

■ 134.7450, 6.0417,
-118.1714

■ 198.9780, 0.0108,
-3.4887

■ 205.6420, -0.3165,
8.2070

■ 212.1920, -1.0807,
20.0026

■ 218.8560, -1.4080,
31.6983

■ 219.4260, 0.7760,
31.1984

Harmonies

Analogous

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



173.0460, -16.7847, -29.8583



165.7010, 3.1054, -62.8818



156.6490, 25.3160, -93.5312

Triad

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



165.7010, 3.1054, -62.8818



184.0830, 31.0181, -8.8428



183.2070, -27.2171, 49.8075

Complementary

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



165.7010, 3.1054, -62.8818



129.2990, -3.1054, 62.8818

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.



185.5190, -13.5669, 58.3038



165.7010, 3.1054, -62.8818



187.2140, 19.1215, 26.9993

Square

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



165.7010, 3.1054, -62.8818



174.6540, 38.1316, -50.5626



186.8290, 3.0423, 51.0160



180.7670, -33.4091, 29.1453

Rectangle

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



165.7010, 3.1054, -62.8818



156.9720, 35.5098, -96.4454



186.8290, 3.0423, 51.0160



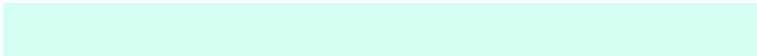
184.2660, -23.3021, 54.1407

Sweetspot

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



165.7010, 3.1054, -62.8818



241.4870, 1.2389, -24.1061



165.7790, -35.3870, -36.6402



119.7270, 0.6276, -14.6696



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.



165.7010, 3.1054, -62.8818



201.2470, 4.8082, -95.8096



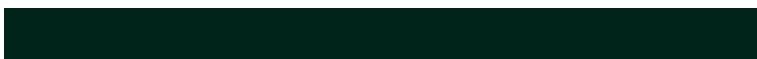
155.5060, 22.4285, -53.9408



96.0810, 0.4531, -5.3330



109.2470, 4.8082, -95.8096



24.0960, 0.9387, -21.1322

Inverse Universe

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



129.2990, -3.1054, 62.8818



145.7530, -4.8082, 95.8096



139.4940, -22.4285, 53.9408



92.9190, -0.4531, 5.3330



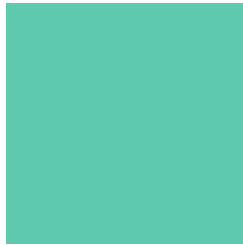
53.7530, -4.8082, 95.8096



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 165.7010, 3.1054, -62.8818 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 165.7010, 3.1054, -62.8818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

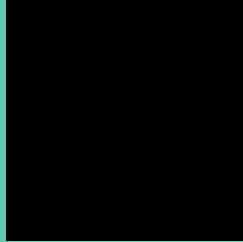
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.7010, 3.1054, -62.8818

Background



This preview shows how black text looks on a background with the YUV color 165.7010, 3.1054, -62.8818.



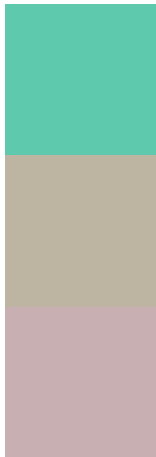
This preview shows how white text looks on a background with the YUV color 165.7010, 3.1054,

-62.8818.

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

165.7010, 3.1054, -62.8818

Protanopia

181.1120, -9.9152, 6.9178

Deuteranopia

182.7030, -2.8116, 15.1695



Tritanopia

170.5120, 19.9606, -55.7000

Trichromacy



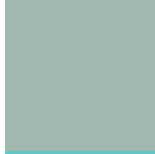
Original Color

165.7010, 3.1054, -62.8818



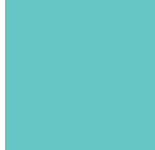
Protanomaly

175.2120, -5.0345, -18.6029



Deuteranomaly

176.0970, -0.5408, -13.2401



Tritanomaly

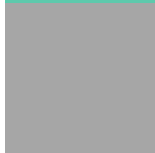
168.5950, 14.0037, -58.4038

Monochromacy



Original Color

165.7010, 3.1054, -62.8818



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.0850, 0.9441, -22.8765

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7010, 3.1054, -62.8818 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(94, 201, 172)` looks like.

```
.text, #text, p{  
    color:rgb(94, 201, 172)  
}
```

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(94, 201, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 201, 172) }
```

Border

The CSS property to change the border of an element to YUV 165.7010, 3.1054, -62.8818 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(94, 201, 172) }
```


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

```
.border{ border-color:rgb(94, 201, 172) }
```

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

Here you see how a box with a 4 pixel rgb(94, 201, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 201, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 201, 172);  
box-shadow:4px 4px 4px 4px rgb(94, 201,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 165.7010, 3.1054, -62.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 201, 172) }
```

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

```
.background{ background-color: rgb(94, 201,  
172) }
```

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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