

Converting Colors

YUV(162.6370, 0.1790,
-57.5636)

Have a look what the booklet for
YUV(162.6370, 0.1790, -57.5636)
contains.

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Color

**YUV(162.6370, 0.1790,
-57.5636)**

Conversions

Conversions Part 1

Format	Color
Hex	61C4A3
RGB	97, 196, 163
RGB Percent	38%, 77%, 64%
CMY	0.6196, 0.2314, 0.3608
CMYK	0.51, 0.00, 0.17, 0.23
HSL	160°, 46%, 57%
HSV	160°, 51%, 77%
XYZ	31.2806, 44.6656, 41.6230
YIQ	162.6370, -48.4110, -31.2510

Conversions

Conversions Part 2

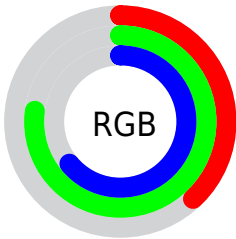
Format	Color
RYB	97, 156, 196
Decimal	6407331
CIELab	72.67, -36.99, 7.73
CIElCh	73, 37.793, 168.198
Yxy	44.6656, 0.2661, 0.3799
Android (android.graphics.Color)	4284597411 (0xFF61C4A3)
YUV	162.6370, 0.1790, -57.5636
Hunter-Lab	66.8323, -33.4105, 9.8570

Details

The YUV color **162.6370, 0.1790, -57.5636** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **130.3630, -0.1790, 57.5636**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4090, -0.6946, -57.3637**, and **106.4730, 2.2318, -62.6818** is the 20% darker color. If you saturate the color by 10%, you get **155.8590, 0.0695, -69.1593**, and if you desaturate by 10%, it is **169.4150, 0.2884, -45.9680**.

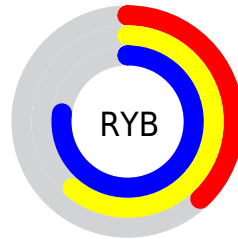
Distribution



Red (38%)

Green (77%)

Blue (64%)



Red (38%)

Yellow (61%)

Blue (77%)

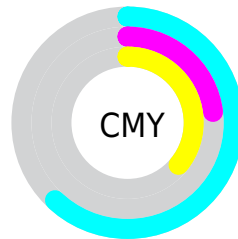


Cyan (51%)

Magenta (0%)

Yellow (17%)

Black (23%)



Cyan (62%)

Magenta (23%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.6370, 0.1790, -57.5636 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 162.6370, 0.1790, -57.5636 by changing the saturation by 10% instead.

■ 162.6370, 0.1790,
-57.5636

■ 162.6370, 0.1790,
-57.5636

255.0000, 0.0000,
0.0000

■ 134.5660, 1.2000,
-58.3784

■ 219.4090, -0.6946,
-57.3637

■ 106.4730, 2.2318,
-62.6818

■ 232.1470, 6.8295,
-43.9789

■ 78.0100, 4.4321,
-68.4148

■ 241.8440, 6.4859,
-27.0502

■ 60.1260, 1.9099,
-52.7305

■ 250.8140, 2.0637,
-8.6069

■ 43.5300, -0.7543,
-38.1758

■ 27.6350, -3.2711,
-24.2359

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 162.6370, 0.1790,
-57.5636

■ 162.6370, 0.1790,
-57.5636

■ 155.8590, 0.0695,
-69.1593

■ 169.4150, 0.2884,
-45.9680

■ 149.4940, 0.2495,
-80.2402

■ 175.7800, 0.1085,
-34.8871

■ 142.7160, 0.1400,
-91.8359

■ 182.5580, 0.2179,
-23.2914

■ 136.3510, 0.3200,
-102.9168

■ 188.9230, 0.0380,
-12.2105

■ 129.9860, 0.4999,
-113.9977

■ 195.7010, 0.1474,
-0.6148

■ 202.3650, -0.1799,
11.0809

■ 208.8440, 0.0769,
22.0618

■ 215.5080, -0.2504,
33.7575

■ 216.6050, 2.6597,
33.6724

Harmonies

Analogous

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



169.2100, -18.8375, -24.7402



162.6370, 0.1790, -57.5636



153.5740, 22.3950, -89.9574

Triad

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



162.6370, 0.1790, -57.5636



178.6910, 32.1973, -13.7610



179.3750, -25.3279, 50.5371

Complementary

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



162.6370, 0.1790, -57.5636



130.3630, -0.1790, 57.5636

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.



180.7900, -11.2355, 57.1892



162.6370, 0.1790, -57.5636



182.9360, 20.7376, 21.9811

Square

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



162.6370, 0.1790, -57.5636



168.8060, 37.5636, -55.0809



182.6760, 5.0897, 47.6421



176.7180, -32.3990, 31.8193

Rectangle

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



162.6370, 0.1790, -57.5636



151.5050, 33.7680, -97.7899



182.6760, 5.0897, 47.6421



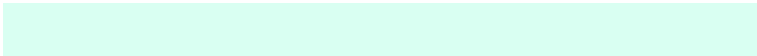
180.1350, -21.2656, 54.2556

Sweetspot

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



162.6370, 0.1790, -57.5636



242.1560, -0.0769, -22.0618



164.9800, -33.5141, -30.6775



120.2110, -0.1040, -13.3400



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.



162.6370, 0.1790, -57.5636



202.4280, 0.2820, -90.7064



157.0070, 19.2235, -52.6261



93.6680, 0.1637, -5.8478



106.7050, 0.1454, -93.5803



21.8790, 0.0597, -19.1879

Inverse Universe

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



130.3630, -0.1790, 57.5636



151.5720, -0.2820, 90.7064



136.5800, -19.5129, 52.1113



90.3320, -0.1637, 5.8478



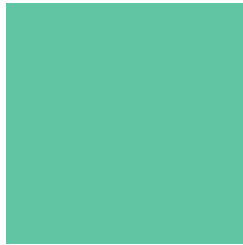
54.2950, -0.1454, 93.5803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 162.6370, 0.1790, -57.5636 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 162.6370, 0.1790, -57.5636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

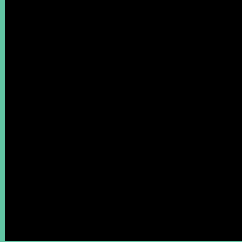
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.6370, 0.1790, -57.5636

Background



This preview shows how black text looks on a background with the YUV color 162.6370, 0.1790, -57.5636.



This preview shows how white text looks on a background with the YUV color 162.6370, 0.1790,

-57.5636.

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

162.6370, 0.1790, -57.5636

Protanopia

176.9550, -11.8098, 7.9325

Deuteranopia

178.7310, -5.2904, 16.8989



Tritanopia

167.4910, 18.4919, -51.2966

Trichromacy



Original Color

162.6370, 0.1790, -57.5636



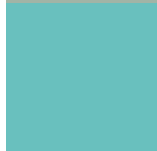
Protanomaly

171.9520, -7.3713, -15.7439



Deuteranomaly

172.7230, -3.3144, -10.2811



Tritanomaly

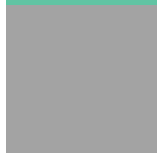
165.7590, 11.9508, -53.2856

Monochromacy



Original Color

162.6370, 0.1790, -57.5636



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

162.8680, 0.0651, -20.9322

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.6370, 0.1790, -57.5636 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(97, 196, 163)` looks like.

```
.text, #text, p{  
    color:rgb(97, 196, 163)  
}
```

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(97, 196, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 196, 163) }
```

Border

The CSS property to change the border of an element to YUV 162.6370, 0.1790, -57.5636 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(97, 196, 163) }
```


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

```
.border{ border-color:rgb(97, 196, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 196, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 196, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 196, 163);  
box-shadow:4px 4px 4px 4px rgb(97, 196,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 162.6370, 0.1790, -57.5636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 196, 163) }
```

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

```
.background{ background-color: rgb(97, 196,  
163) }
```

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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