

Converting Colors

YUV(160.3120, -3.6048,
-57.2786)

Have a look what the booklet for
YUV(160.3120, -3.6048, -57.2786)
contains.

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Color

**YUV(160.3120, -3.6048,
-57.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	5FC399
RGB	95, 195, 153
RGB Percent	37%, 76%, 60%
CMY	0.6275, 0.2353, 0.4000
CMYK	0.51, 0.00, 0.22, 0.24
HSL	155°, 45%, 57%
HSV	155°, 51%, 76%
XYZ	29.9842, 43.7630, 37.0038
YIQ	160.3120, -46.1180, -34.2620

Conversions

Conversions Part 2

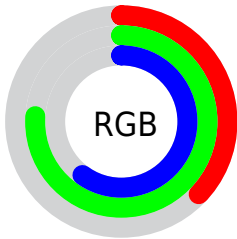
Format	Color
RYB	95, 158, 195
Decimal	6275993
CIELab	72.07, -39.24, 12.27
CIElCh	72, 41.114, 162.629
Yxy	43.7630, 0.2707, 0.3951
Android (android.graphics.Color)	4284466073 (0xFF5FC399)
YUV	160.3120, -3.6048, -57.2786
Hunter-Lab	66.1536, -34.8635, 13.1430

Details

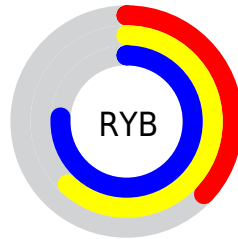
The YUV color **160.3120, -3.6048, -57.2786** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **129.6880, 3.6048, 57.2786**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.9700, -4.9152, -56.9787**, and **104.2620, -1.1152, -62.4968** is the 20% darker color. If you saturate the color by 10%, you get **153.7190, -4.2985, -68.1596**, and if you desaturate by 10%, it is **167.2040, -3.0586, -45.7829**.

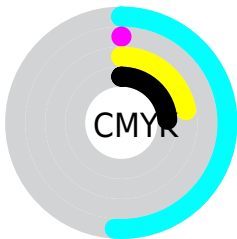
Distribution



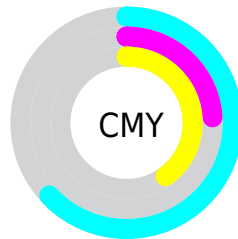
- Red (37%)
- Green (76%)
- Blue (60%)



- Red (37%)
- Yellow (62%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (63%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.3120, -3.6048, -57.2786 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 160.3120, -3.6048, -57.2786 by changing the saturation by 10% instead.

■ 160.3120, -3.6048,
-57.2786

■ 160.3120, -3.6048,
-57.2786

255.0000, 0.0000,
0.0000

■ 132.2410, -2.5838,
-58.0934

■ 216.9700, -4.9152,
-56.9787

■ 104.2620, -1.1152,
-62.4968

■ 230.4090, 2.7564,
-44.2087

■ 76.3970, 0.7903,
-67.0002

■ 241.2460, 6.7807,
-28.2797

■ 58.5130, -1.7319,
-51.3159

■ 250.2160, 2.3585,
-9.8364

■ 41.9170, -4.3961,
-36.7612

■ 26.6090, -7.2022,
-23.3361

■ 8.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 160.3120, -3.6048,
-57.2786

■ 160.3120, -3.6048,
-57.2786

■ 153.7190, -4.2985,
-68.1596

■ 167.2040, -3.0586,
-45.7829

■ 146.8270, -4.8447,
-79.6553

■ 173.7970, -2.3649,
-34.9020

■ 140.1200, -5.9752,
-90.4362

■ 180.8030, -1.3819,
-23.5062

■ 133.2280, -6.5214,
-101.9320

■ 187.3960, -0.6882,
-12.6253

■ 127.3470, -7.0731,
-111.6833

■ 194.2880, -0.1420,
-1.1296

■ 200.8810, 0.5517,
9.7514

■ 207.7730, 1.0979,
21.2471

■ 214.4800, 2.2284,
32.0280

■ 216.5880, 5.1331,
33.6873

Harmonies

Analogous

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



167.6790, -23.5057, -20.7665



160.3120, -3.6048, -57.2786



144.7030, 23.3174, -105.8565

Triad

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



160.3120, -3.6048, -57.2786



175.1780, 36.8872, -24.7121



177.6470, -24.4760, 57.3146

Complementary

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



160.3120, -3.6048, -57.2786



129.6880, 3.6048, 57.2786

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.



179.2080, -8.4835, 61.2076



160.3120, -3.6048, -57.2786



181.0540, 25.1164, 17.4926

Square

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



160.3120, -3.6048, -57.2786



161.0640, 42.8594, -73.7241



181.4140, 9.1629, 47.8719



175.7790, -34.8940, 38.7818

Rectangle

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



160.3120, -3.6048, -57.2786



139.0890, 37.9171, -121.9811



181.4140, 9.1629, 47.8719



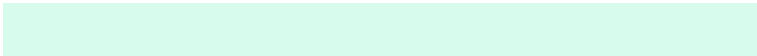
178.2220, -19.8294, 60.3183

Sweetspot

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



160.3120, -3.6048, -57.2786



239.2270, -1.0979, -21.2471



166.5570, -35.2776, -25.0445



119.9830, -0.9776, -13.1401



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.



160.3120, -3.6048, -57.2786



197.9460, -5.3964, -89.4066



160.9910, 16.7664, -57.8741



93.5540, -0.2731, -5.7479



105.1090, -5.9697, -92.1806



21.5370, -1.2507, -18.8879

Inverse Universe

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



129.6880, 3.6048, 57.2786



150.1680, 5.8332, 89.3067



129.0090, -16.7664, 57.8741



90.4460, 0.2731, 5.7479



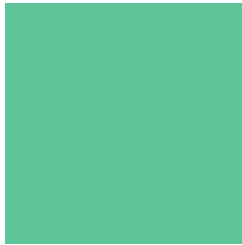
55.7770, 5.5329, 92.2806



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 160.3120, -3.6048, -57.2786 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 160.3120, -3.6048, -57.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

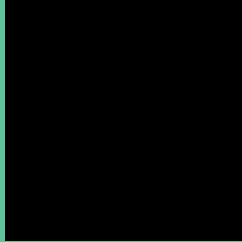
Any Text WCAG AA ✓ Pass

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 160.3120, -3.6048, -57.2786 Background



This preview shows how black text looks on a background with the YUV color 160.3120, -3.6048, -57.2786.



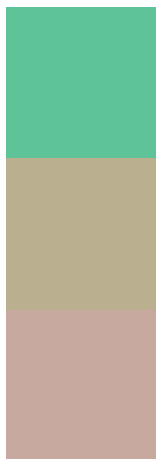
This preview shows how white text looks on a background with the YUV color 160.3120, -3.6048,

-57.2786.

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

160.3120, -3.6048, -57.2786

Protanopia

174.6410, -15.5990, 9.9618

Deuteranopia

176.8300, -8.7902, 19.4431



Tritanopia

166.0890, 18.1971, -50.0671

Trichromacy



Original Color

160.3120, -3.6048, -57.2786



Protanomaly

169.3390, -11.0131, -14.3293



Deuteranomaly

170.5230, -6.6668, -8.3517



Tritanomaly

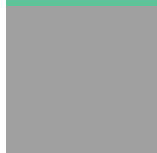
164.3030, 10.2036, -52.8857

Monochromacy



Original Color

160.3120, -3.6048, -57.2786



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.1130, -1.5347, -21.1471

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.3120, -3.6048, -57.2786 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, 195, 153)` looks like.

```
.text, #text, p{  
    color:rgb(95, 195, 153)  
}
```

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, 195, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 195, 153) }
```

Border

The CSS property to change the border of an element to YUV 160.3120, -3.6048, -57.2786 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, 195, 153) }
```


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

```
.border{ border-color:rgb(95, 195, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 195, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 195, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 195, 153);  
box-shadow:4px 4px 4px 4px rgb(95, 195,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 160.3120, -3.6048, -57.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 195, 153) }
```

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

```
.background{ background-color: rgb(95, 195,  
153) }
```

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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