

Converting Colors

YUV(149.8160, 2.0627,
-55.0896)

Have a look what the booklet for
YUV(149.8160, 2.0627, -55.0896)
contains.

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Color

**YUV(149.8160, 2.0627,
-55.0896)**

Conversions

Conversions Part 1

Format	Color
Hex	57B59A
RGB	87, 181, 154
RGB Percent	34%, 71%, 60%
CMY	0.6588, 0.2902, 0.3961
CMYK	0.52, 0.00, 0.15, 0.29
HSL	163°, 39%, 53%
HSV	163°, 52%, 71%
XYZ	26.2871, 37.4071, 36.4067
YIQ	149.8160, -47.3570, -28.3250

Conversions

Conversions Part 2

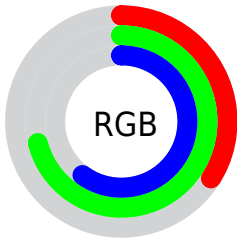
Format	Color
RYB	87, 142, 181
Decimal	5748122
CIELab	67.58, -34.50, 5.29
CIElCh	68, 34.902, 171.281
Yxy	37.4071, 0.2626, 0.3737
Android (android.graphics.Color)	4283938202 (0xFF57B59A)
YUV	149.8160, 2.0627, -55.0896
Hunter-Lab	61.1613, -30.3132, 7.5202

Details

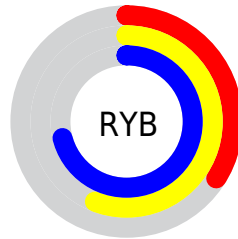
The YUV color **149.8160, 2.0627, -55.0896** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **118.1840, -2.0627, 55.0896**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5880, 1.1891, -54.8897**, and **93.1680, 4.8472, -61.5373** is the 20% darker color. If you saturate the color by 10%, you get **143.8640, 2.5320, -65.6557**, and if you desaturate by 10%, it is **155.7680, 1.5934, -44.5235**.

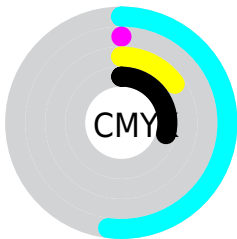
Distribution



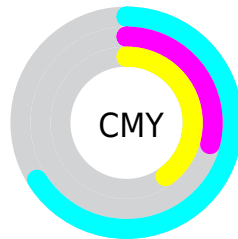
- Red (34%)
- Green (71%)
- Blue (60%)



- Red (34%)
- Yellow (56%)
- Blue (71%)



- Cyan (52%)
- Magenta (0%)
- Yellow (15%)
- Black (29%)





- Cyan (66%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8160, 2.0627, -55.0896 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 149.8160, 2.0627, -55.0896 by changing the saturation by 10% instead.


 149.8160, 2.0627,
-55.0896

 149.8160, 2.0627,
-55.0896

255.0000, 0.0000,
0.0000

 122.3320, 2.7943,
-56.4192


 205.5880, 1.1891,
-54.8897


 93.1680, 4.8472,
-61.5373


 227.8320, 4.5198,
-49.8417

 68.8800, 4.9892,
-60.4078

 238.5550, 8.1074,
-33.8127

 51.5830, 2.1776,
-45.2383

 247.2260, 3.8326,
-15.9842

 35.6880, -0.3392,
-31.2984

 21.4400, -4.1609,
-18.8029

 0.0000, 0.0000,

0.0000

■ 149.8160, 2.0627,
-55.0896

■ 149.8160, 2.0627,
-55.0896

■ 143.8640, 2.5320,
-65.6557

■ 155.7680, 1.5934,
-44.5235

■ 137.9120, 3.0014,
-76.2218

■ 161.7200, 1.1240,
-33.9574

■ 131.8460, 3.0339,
-86.6879

■ 167.7860, 1.0915,
-23.4913

■ 125.8940, 3.5033,
-97.2540

■ 173.7380, 0.6222,
-12.9252

■ 120.9530, 3.9672,
-106.0758

■ 179.9890, 0.0054,
-1.7444

■ 185.9410, -0.4639,
8.8217

■ 191.8930, -0.9332,
19.3878

■ 197.9590, -0.9658,
29.8540

■ 203.9110, -1.4351,
40.4201

Harmonies

Analogous

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



156.0080, -15.7799, -25.4400



149.8160, 2.0627, -55.0896



142.1020, 21.6417, -81.6505

Triad

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



149.8160, 2.0627, -55.0896



165.6870, 28.2553, -9.3725



165.6840, -24.0012, 45.0041

Complementary

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



149.8160, 2.0627, -55.0896



118.1840, -2.0627, 55.0896

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.



166.6430, -11.6560, 52.0561



149.8160, 2.0627, -55.0896



169.0240, 17.2432, 22.7810

Square

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



149.8160, 2.0627, -55.0896



156.9490, 34.0421, -45.5593



168.4970, 3.2060, 45.1681



163.5540, -30.3461, 26.7011

Rectangle

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



149.8160, 2.0627, -55.0896



141.8980, 31.1093, -84.9795



168.4970, 3.2060, 45.1681



166.3300, -20.3757, 48.8226

Sweetspot

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



149.8160, 2.0627, -55.0896



222.3840, 0.7967, -22.2618



150.5500, -31.3302, -31.1774



109.7380, 0.6222, -12.9252



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



149.8160, 2.0627, -55.0896



186.5580, 3.1759, -85.5584



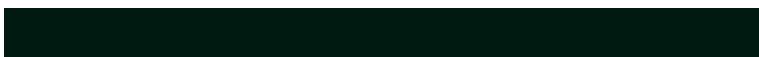
141.7410, 19.3547, -48.0079



86.0810, 0.4531, -5.3330



102.2370, 3.3342, -89.6618



17.3140, 0.3382, -15.1844

Inverse Universe

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



118.1840, -2.0627, 55.0896



137.4420, -3.1759, 85.5584



126.2590, -19.3547, 48.0079



83.0330, -0.0163, 5.2331



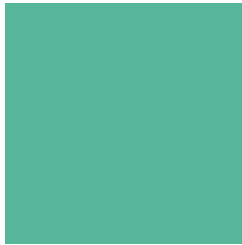
50.7630, -3.3342, 89.6618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 149.8160, 2.0627, -55.0896 looks on a white background.

Color Contrast Check

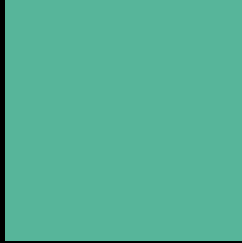
Large Text (above 18pt) WCAG AA × Fail

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 149.8160, 2.0627, -55.0896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

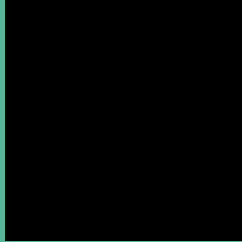
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.8160, 2.0627, -55.0896

Background



This preview shows how black text looks on a background with the YUV color 149.8160, 2.0627, -55.0896.



This preview shows how white text looks on a background with the YUV color 149.8160, 2.0627, -55.0896.

-55.0896.

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

149.8160, 2.0627, -55.0896

Protanopia

163.3400, -9.0416, 6.7178

Deuteranopia

164.9910, -2.9536, 14.0399



Tritanopia

154.2740, 17.6129, -49.3523

Trichromacy



Original Color

149.8160, 2.0627, -55.0896

Protanomaly

158.5220, -5.1873, -16.2438

Deuteranomaly

159.2930, -1.1304, -10.7810

Tritanomaly

152.7700, 11.9454, -51.5413

Monochromacy



Original Color

149.8160, 2.0627, -55.0896

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.6940, 0.6439, -19.9026

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8160, 2.0627, -55.0896 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(87, 181, 154)` looks like.

```
.text, #text, p{  
    color:rgb(87, 181, 154)  
}
```

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(87, 181, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 181, 154) }
```

Border

The CSS property to change the border of an element to YUV 149.8160, 2.0627, -55.0896 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(87, 181, 154) }
```


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

```
.border{ border-color:rgb(87, 181, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 181, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 181, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 181, 154);  
box-shadow:4px 4px 4px 4px rgb(87, 181,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 149.8160, 2.0627, -55.0896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 181, 154) }
```

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

```
.background{ background-color: rgb(87, 181,  
154) }
```

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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