

Converting Colors

YUV(168.0490, -55.2402,
-62.3100)

Have a look what the booklet for
YUV(168.0490, -55.2402, -62.3100)
contains.

YUV(168.0490, -55.2402, -62.3100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(168.0490, -55.2402,
-62.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	61E238
RGB	97, 226, 56
RGB Percent	38%, 89%, 22%
CMY	0.6196, 0.1137, 0.7804
CMYK	0.57, 0.00, 0.75, 0.11
HSL	106°, 75%, 55%
HSV	106°, 75%, 89%
XYZ	32.8399, 57.2196, 13.0550
YIQ	168.0490, -22.3140, -80.2180

Conversions

Conversions Part 2

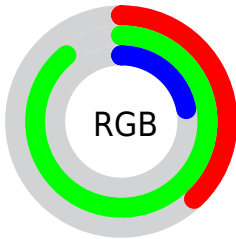
Format	Color
RYB	56, 226, 185
Decimal	6414904
CIELab	80.30, -64.25, 67.42
CIELCh	80, 93.128, 133.620
Yxy	57.2196, 0.3185, 0.5549
Android (android.graphics.Color)	4284604984 (0xFF61E238)
YUV	168.0490, -55.2402, -62.3100
Hunter-Lab	75.6437, -54.8824, 42.7179

Details

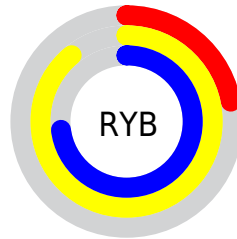
The YUV color **168.0490, -55.2402, -62.3100** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **113.9510, 55.2402, 62.3100**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2220, -47.4374, -44.9217**, and **100.3990, -49.4967, -84.5419** is the 20% darker color. If you saturate the color by 10%, you get **160.3440, -62.7806, -70.4617**, and if you desaturate by 10%, it is **175.7540, -47.6997, -54.1583**.

Distribution



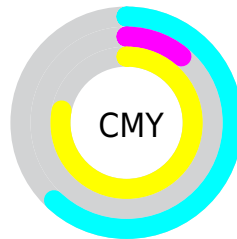
- Red (38%)
- Green (89%)
- Blue (22%)



- Red (22%)
- Yellow (89%)
- Blue (73%)



- Cyan (57%)
- Magenta (0%)
- Yellow (75%)
- Black (11%)



- Cyan (62%)
- Magenta (11%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.0490, -55.2402, -62.3100 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 168.0490, -55.2402, -62.3100 by changing the saturation by 10% instead.

■ 168.0490,
-55.2402, -62.3100

■ 168.0490,
-55.2402, -62.3100

■ 255.0000, 0.0000,
0.0000

■ 136.2290,
-58.2869, -65.0988

■ 210.2220,
-47.4374, -44.9217

■ 100.3990,
-49.4967, -84.5419

■ 222.6830,
-39.7767, -28.6630

■ 83.3540, -41.0935,
-73.1015

■ 234.9590,
-31.5318, -13.1190

■ 67.5050, -33.2800,
-59.2019

■ 247.5340,
-23.4343, 3.0397

■ 52.2430, -25.7558,
-45.8171

■ 252.0360,
-11.3567, 2.5994

■ 37.5680, -18.5210,
-32.9471

■ 24.0670, -11.8650,

-21.1068

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,
0.0000

■ 168.0490,
-55.2402, -62.3100

■ 168.0490,
-55.2402, -62.3100

■ 160.3440,
-62.7806, -70.4617

■ 175.7540,
-47.6997, -54.1583


■ 152.7530,
-69.8842, -78.7134


■ 183.3450,
-40.5961, -45.9066


■ 149.1070,
-73.5098, -82.5318

■ 191.0500,
-33.0556, -37.7548


■ 198.9400,
-26.0994, -28.8884

 206.6450,
-18.5590, -20.7367

 214.3500,
-11.0185, -12.5849

 221.9410, -3.9149,
-4.3333

 229.6460, 3.6255,
3.8185

 236.7810, 8.9820,
12.4701

Harmonies

Analogous

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



182.4940, -89.9695, 17.1068



168.0490, -55.2402, -62.3100



154.7030, -3.7976, -135.6745

Triad

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



168.0490, -55.2402, -62.3100



159.9710, 46.8493, -140.2946



155.8750, 3.5126, 86.9326

Complementary

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



168.0490, -55.2402, -62.3100



113.9510, 55.2402, 62.3100

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.



171.7770, 39.0569, 72.9866



168.0490, -55.2402, -62.3100



159.0720, 47.2925, -95.6561

Square

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



168.0490, -55.2402, -62.3100



167.0150, 43.3766, -146.4722



195.9900, 29.0919, 49.1208



165.8980, -41.8547, 78.1425

Rectangle

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



168.0490, -55.2402, -62.3100



163.4180, 21.9789, -143.3176



195.9900, 29.0919, 49.1208



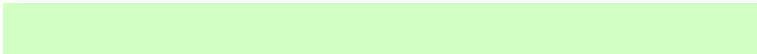
157.4200, 17.0479, 85.5777

Sweetspot

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



168.0490, -55.2402, -62.3100



234.8190, -19.1378, -21.7663



181.9660, -62.1012, 38.6178



115.5240, -11.5973, -13.6145



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.



168.0490, -55.2402, -62.3100



176.7540, -74.8147, -83.9763



160.6920, -30.4142, -91.8149



108.3540, -3.6255, -3.8185



115.8700, -57.1239, -64.7840



31.7640, -15.6597, -17.3330

Inverse Universe

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



113.9510, 55.2402, 62.3100



103.5450, 74.6673, 84.5910



121.4220, 30.8510, 91.7149



104.6460, 3.6255, 3.8185



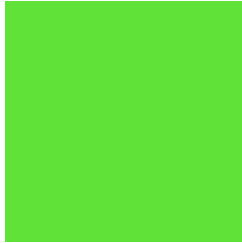
60.1300, 57.1239, 64.7840



16.5350, 15.5122, 17.9478

Previews

White Background



This preview shows how the YUV color 168.0490, -55.2402, -62.3100 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 168.0490, -55.2402, -62.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

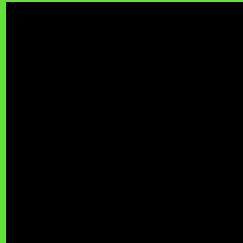
Any Text WCAG AA ✓ Pass

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 168.0490, -55.2402, -62.3100 Background



This preview shows how black text looks on a background with the YUV color 168.0490, -55.2402, -62.3100.



This preview shows how white text looks on a background with the YUV color 168.0490, -55.2402, -62.3100.

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

168.0490, -55.2402, -62.3100

Protanopia

188.1900, -68.6207, 29.6514

Deuteranopia

192.4170, -59.3656, 47.8693



Tritanopia

188.7190, 19.3655, -51.4966

Trichromacy



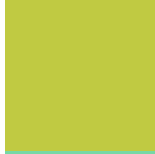
Original Color

168.0490, -55.2402, -62.3100



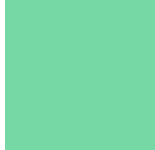
Protanomaly

180.9470, -63.5709, -3.4615



Deuteranomaly

183.5060, -57.9305, 7.4492



Tritanomaly

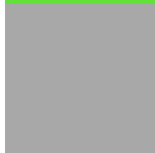
180.8840, -7.8308, -55.1493

Monochromacy



Original Color

168.0490, -55.2402, -62.3100



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.8790, -20.1533, -22.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0490, -55.2402, -62.3100 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, 226, 56)` looks like.

```
.text, #text, p{  
    color:rgb(97, 226, 56)  
}
```

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, 226, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 226, 56) }
```

Border

The CSS property to change the border of an element to YUV 168.0490, -55.2402, -62.3100 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, 226, 56) }
```


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

```
.border{ border-color:rgb(97, 226, 56) }
```

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

Here you see how a box with a 4 pixel rgb(97, 226, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 226, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 226, 56);  
box-shadow:4px 4px 4px 4px rgb(97, 226,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 168.0490, -55.2402, -62.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 226, 56) }
```

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

```
.background{ background-color: rgb(97, 226,  
56) }
```

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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