

Converting Colors

YUV(166.4030, -38.6527,
-62.6204)

Have a look what the booklet for
YUV(166.4030, -38.6527, -62.6204)
contains.

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Color

**YUV(166.4030, -38.6527,
-62.6204)**

Conversions

Conversions Part 1

Format	Color
Hex	5FDA58
RGB	95, 218, 88
RGB Percent	37%, 85%, 35%
CMY	0.6275, 0.1451, 0.6549
CMYK	0.56, 0.00, 0.60, 0.15
HSL	117°, 64%, 60%
HSV	117°, 60%, 85%
XYZ	31.5522, 53.2803, 17.8537
YIQ	166.4030, -31.5780, -66.5060

Conversions

Conversions Part 2

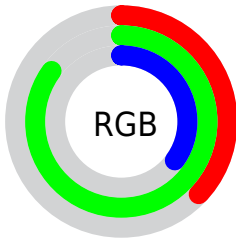
Format	Color
RYB	88, 218, 211
Decimal	6281816
CIELab	78.04, -59.14, 52.67
CIElCh	78, 79.195, 138.312
Yxy	53.2803, 0.3073, 0.5189
Android (android.graphics.Color)	4284471896 (0xFF5FDA58)
YUV	166.4030, -38.6527, -62.6204
Hunter-Lab	72.9933, -50.5798, 36.5934

Details

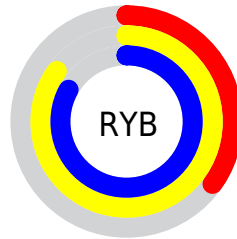
The YUV color **166.4030, -38.6527, -62.6204** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **139.5970, 38.6527, 62.6204**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2180, -34.6175, -50.1802**, and **103.3410, -34.6781, -77.4751** is the 20% darker color. If you saturate the color by 10%, you get **157.6160, -45.1667, -73.3312**, and if you desaturate by 10%, it is **175.1900, -32.1387, -51.9096**.

Distribution



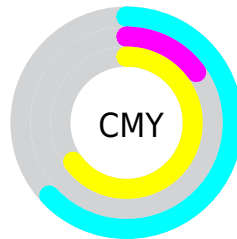
- Red (37%)
- Green (85%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (83%)



- Cyan (56%)
- Magenta (0%)
- Yellow (60%)
- Black (15%)



- Cyan (63%)
- Magenta (15%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4030, -38.6527, -62.6204 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 166.4030, -38.6527, -62.6204 by changing the saturation by 10% instead.

■ 166.4030,
-38.6527, -62.6204

■ 166.4030,
-38.6527, -62.6204

■ 255.0000, 0.0000,
0.0000

■ 137.0220,
-37.4788, -65.7943

■ 212.2180,
-34.6175, -50.1802

■ 103.3410,
-34.6781, -77.4751

■ 224.2660,
-27.2461, -34.4363

■ 79.2450, -39.0678,
-69.4979

■ 236.5420,
-19.0012, -18.8923

■ 63.3960, -31.2542,
-55.5983

■ 248.7040,
-11.1931, -3.2484

■ 48.7210, -24.0195,
-42.7283

■ 34.0460, -16.7847,
-29.8583

■ 20.5450, -10.1287,

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 166.4030,
-38.6527, -62.6204

■ 166.4030,
-38.6527, -62.6204

■ 157.6160,
-45.1667, -73.3312

■ 175.1900,
-32.1387, -51.9096

■ 149.1280,
-51.8281, -83.4273

■ 183.6780,
-25.4773, -41.8136

■ 140.4550,
-57.9053, -94.2380

■ 192.3510,
-19.4000, -31.0028

■ 131.6680,
-64.4193, -104.9488

■ 201.1380,
-12.8860, -20.2920

■ 131.5540,
-64.8561, -104.8489

■ 209.6260, -6.2246,
-10.1960

■ 218.4130, 0.2894,
0.5148

■ 226.9010, 6.9508,
10.6108

■ 233.2810, 10.7075,
19.0476

Harmonies

Analogous

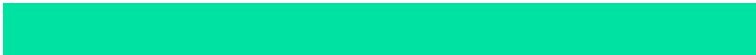
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177.5110, -75.6809, 7.4449



166.4030, -38.6527, -62.6204



151.0160, 4.9221, -132.4410

Triad

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



166.4030, -38.6527, -62.6204



152.3400, 50.6114, -133.6022



165.6600, -7.2274, 78.3512

Complementary

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



166.4030, -38.6527, -62.6204



139.5970, 38.6527, 62.6204

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.



174.6830, 24.8063, 70.4380



166.4030, -38.6527, -62.6204



178.0190, 37.9516, -39.4817

Square

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



166.4030, -38.6527, -62.6204



159.9710, 46.8493, -140.2946



194.2290, 29.9601, 50.6652



172.6970, -43.7276, 72.1797

Rectangle

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



166.4030, -38.6527, -62.6204



157.4170, 26.9094, -138.0547



194.2290, 29.9601, 50.6652



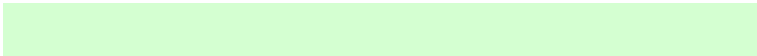
166.1620, 4.8501, 77.9109

Sweetspot

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



166.4030, -38.6527, -62.6204



236.8990, -13.7542, -21.8364



197.8970, -54.1792, 17.6303



116.6210, -8.6872, -13.6996



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.



166.4030, -38.6527, -62.6204



181.9980, -54.7220, -88.5752



170.6940, -13.1601, -72.5226



105.4570, -3.1833, -5.6628



104.2420, -51.3913, -83.5272



27.6000, -13.6068, -22.4512

Inverse Universe

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



139.5970, 38.6527, 62.6204



144.0020, 54.7220, 88.5752



135.3060, 13.1601, 72.5226



103.2440, 3.3307, 5.0480



68.7580, 51.3913, 83.5272



18.1010, 13.7542, 21.8364

Previews

White Background



This preview shows how the YUV color 166.4030, -38.6527, -62.6204 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 166.4030, -38.6527, -62.6204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

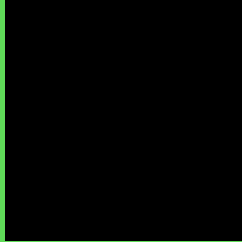
Any Text WCAG AA ✓ Pass

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 166.4030, -38.6527, -62.6204 Background



This preview shows how black text looks on a background with the YUV color 166.4030, -38.6527, -62.6204.



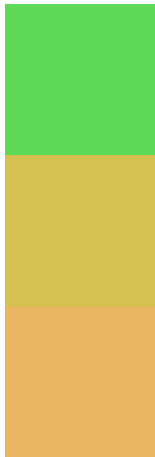
This preview shows how white text looks on a background with the YUV color 166.4030, -38.6527, -62.6204.

-62.6204.

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

166.4030, -38.6527, -62.6204

Protanopia

185.5110, -52.0169, 24.1079

Deuteranopia

188.2710, -44.5036, 40.9813



Tritanopia

182.3170, 19.0707, -50.2670

Trichromacy



Original Color

166.4030, -38.6527, -62.6204



Protanomaly

178.2790, -46.9725, -7.2607



Deuteranomaly

180.1970, -42.4951, 3.3352



Tritanomaly

176.4910, -1.7211, -54.8046

Monochromacy



Original Color

166.4030, -38.6527, -62.6204



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.1870, -13.8962, -22.9660

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4030, -38.6527, -62.6204 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, 218, 88)` looks like.

```
.text, #text, p{  
    color:rgb(95, 218, 88)  
}
```

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, 218, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 218, 88) }
```

Border

The CSS property to change the border of an element to YUV 166.4030, -38.6527, -62.6204 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, 218, 88) }
```


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

```
.border{ border-color:rgb(95, 218, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 218, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 218, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 218, 88);  
box-shadow:4px 4px 4px 4px rgb(95, 218,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 166.4030, -38.6527, -62.6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 218, 88) }
```

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

```
.background{ background-color: rgb(95, 218,  
88) }
```

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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