

Converting Colors

YUV(167.0450, -22.2072,
-64.0605)

Have a look what the booklet for
YUV(167.0450, -22.2072, -64.0605)
contains.

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Color

**YUV(167.0450, -22.2072,
-64.0605)**

Conversions

Conversions Part 1

Format	Color
Hex	5ED57A
RGB	94, 213, 122
RGB Percent	37%, 84%, 48%
CMY	0.6314, 0.1647, 0.5216
CMYK	0.56, 0.00, 0.43, 0.16
HSL	134°, 59%, 60%
HSV	134°, 56%, 84%
XYZ	31.9232, 51.3733, 26.6459
YIQ	167.0450, -41.7130, -53.5290

Conversions

Conversions Part 2

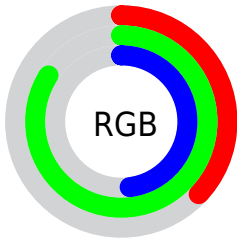
Format	Color
RYB	94, 190, 213
Decimal	6215034
CIELab	76.90, -52.89, 35.08
CIELCh	77, 63.470, 146.446
Yxy	51.3733, 0.2904, 0.4673
Android (android.graphics.Color)	4284405114 (0xFF5ED57A)
YUV	167.0450, -22.2072, -64.0605
Hunter-Lab	71.6752, -45.9300, 28.1311

Details

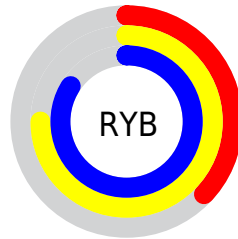
The YUV color **167.0450, -22.2072, -64.0605** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **139.9550, 22.2072, 64.0605**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3820, -19.9083, -54.7090**, and **106.9450, -17.2279, -74.4968** is the 20% darker color. If you saturate the color by 10%, you get **158.9420, -26.1004, -75.3711**, and if you desaturate by 10%, it is **175.1480, -18.3140, -52.7498**.

Distribution



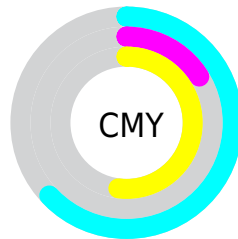
- Red (37%)
- Green (84%)
- Blue (48%)



- Red (37%)
- Yellow (75%)
- Blue (84%)



- Cyan (56%)
- Magenta (0%)
- Yellow (43%)
- Black (16%)



- Cyan (63%)
- Magenta (16%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.0450, -22.2072, -64.0605 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 167.0450, -22.2072, -64.0605 by changing the saturation by 10% instead.

■ 167.0450,
-22.2072, -64.0605

■ 167.0450,
-22.2072, -64.0605

■ 255.0000, 0.0000,
0.0000

■ 138.3760,
-20.8914, -66.1048

■ 215.3820,
-19.9083, -54.7090

■ 106.9450,
-17.2279, -74.4968

■ 227.2450,
-11.9528, -39.6799

■ 81.6680, -17.0913,
-71.6228

■ 239.5210, -3.7079,
-24.1359

■ 63.6700, -20.0503,
-55.8386

■ 251.1130, 1.9163,
-7.9921

■ 46.3730, -22.8619,
-40.6691

■ 32.2850, -15.9165,
-28.3139

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 167.0450,
-22.2072, -64.0605

■ 167.0450,
-22.2072, -64.0605

■ 158.9420,
-26.1004, -75.3711

■ 175.1480,
-18.3140, -52.7498

■ 150.4260,
-30.2830, -87.1966

■ 183.6640,
-14.1314, -40.9243

■ 142.3230,
-34.1762, -98.5073

■ 191.7670,
-10.2381, -29.6137

■ 134.2200,
-38.0695, -109.8179

■ 199.8700, -6.3449,
-18.3030

■ 130.7310,
-39.8004, -114.6511

■ 208.2720, -2.5991,
-6.3775

■ 216.4890, 1.7309,
4.8331

■ 224.5920, 5.6241,
16.1438

■ 230.0040, 10.8440,
21.9215

■ 230.3460, 12.1544,
21.6216

Harmonies

Analogous

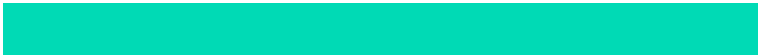
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178.5950, -49.5933, -6.6608



167.0450, -22.2072, -64.0605



148.6000, 15.9732, -130.3222

Triad

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



167.0450, -22.2072, -64.0605



145.2960, 54.0841, -127.4246



175.6730, -17.0938, 69.5698

Complementary

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



167.0450, -22.2072, -64.0605



139.9550, 22.2072, 64.0605

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.



179.9370, 9.3981, 65.8303



167.0450, -22.2072, -64.0605



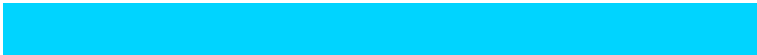
186.7890, 33.6280, -5.9540

Square

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



167.0450, -22.2072, -64.0605



153.5140, 50.0326, -134.6318



195.1260, 29.5179, 52.5095



181.8270, -44.2847, 64.1727

Rectangle

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



167.0450, -22.2072, -64.0605



153.7470, 33.1557, -134.8361



195.1260, 29.5179, 52.5095



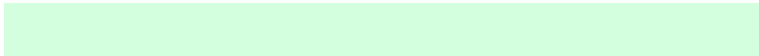
176.0780, -7.9265, 69.2146

Sweetspot

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



167.0450, -22.2072, -64.0605



238.3810, -8.0758, -23.1361



191.0620, -47.8516, -5.3164



117.9460, -4.9034, -13.9846



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.



167.0450, -22.2072, -64.0605



188.9370, -32.0139, -92.0297



173.7710, 3.5639, -69.9592



102.7990, -1.8729, -5.9627



104.9370, -32.0139, -92.0297



26.3810, -8.0758, -23.1361

Inverse Universe

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



139.9550, 22.2072, 64.0605



150.0630, 32.0139, 92.0297



133.2290, -3.5639, 69.9592



100.3150, 2.3097, 5.8627



66.0630, 32.0139, 92.0297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 167.0450, -22.2072, -64.0605 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 167.0450, -22.2072, -64.0605 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 167.0450, -22.2072, -64.0605 Background



This preview shows how black text looks on a background with the YUV color 167.0450, -22.2072, -64.0605.



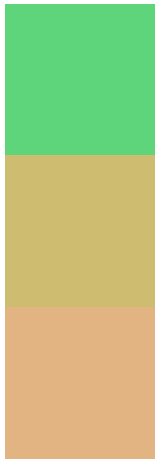
This preview shows how white text looks on a background with the YUV color 167.0450, -22.2072, -64.0605.

-64.0605.

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

167.0450, -22.2072, -64.0605

Protanopia

185.4190, -35.7026, 18.0495

Deuteranopia

187.7550, -28.4732, 32.6639



Tritanopia

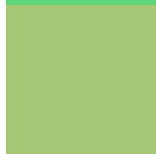
179.0070, 19.2235, -52.6261

Trichromacy



Original Color

167.0450, -22.2072, -64.0605



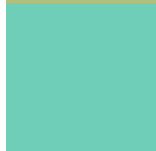
Protanomaly

178.7850, -30.9530, -12.0894



Deuteranomaly

180.1050, -26.1808, -2.7231



Tritanomaly

174.6740, 4.1047, -56.7191

Monochromacy



Original Color

167.0450, -22.2072, -64.0605



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.0820, -7.9284, -23.7509

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.0450, -22.2072, -64.0605 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(94, 213, 122)` looks like.

```
.text, #text, p{  
    color:rgb(94, 213, 122)  
}
```

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(94, 213, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 213, 122) }
```

Border

The CSS property to change the border of an element to YUV 167.0450, -22.2072, -64.0605 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(94, 213, 122) }
```


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

```
.border{ border-color:rgb(94, 213, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 213, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 213, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 213, 122);  
box-shadow:4px 4px 4px 4px rgb(94, 213,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 167.0450, -22.2072, -64.0605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 213, 122) }
```

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

```
.background{ background-color: rgb(94, 213,  
122) }
```

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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