

Converting Colors

YUV(164.9620, -33.0123,
-51.7097)

Have a look what the booklet for
YUV(164.9620, -33.0123, -51.7097)
contains.

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Color

**YUV(164.9620, -33.0123,
-51.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	6AD062
RGB	106, 208, 98
RGB Percent	42%, 82%, 38%
CMY	0.5843, 0.1843, 0.6157
CMYK	0.49, 0.00, 0.53, 0.18
HSL	116°, 54%, 60%
HSV	116°, 53%, 82%
XYZ	30.7043, 49.0578, 19.4061
YIQ	164.9620, -25.4820, -55.8340

Conversions

Conversions Part 2

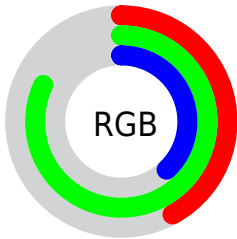
Format	Color
RYB	98, 208, 200
Decimal	7000162
CIELab	75.49, -51.27, 45.18
CIELCh	75, 68.335, 138.608
Yxy	49.0578, 0.3096, 0.4947
Android (android.graphics.Color)	4285190242 (0xFF6AD062)
YUV	164.9620, -33.0123, -51.7097
Hunter-Lab	70.0412, -44.3222, 32.6016

Details

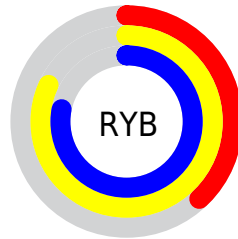
The YUV color **164.9620, -33.0123, -51.7097** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **141.0380, 33.0123, 51.7097**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.9350, -32.0130, -45.5470**, and **108.3250, -30.2332, -56.4130** is the 20% darker color. If you saturate the color by 10%, you get **156.8870, -39.3843, -61.2909**, and if you desaturate by 10%, it is **173.0370, -26.6402, -42.1284**.

Distribution



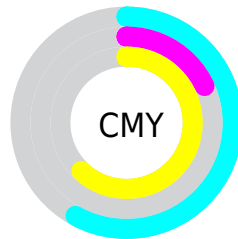
- Red (42%)
- Green (82%)
- Blue (38%)



- Red (38%)
- Yellow (82%)
- Blue (78%)



- Cyan (49%)
- Magenta (0%)
- Yellow (53%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.9620, -33.0123, -51.7097 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 164.9620, -33.0123, -51.7097 by changing the saturation by 10% instead.

■ 164.9620,
-33.0123, -51.7097

■ 164.9620,
-33.0123, -51.7097

255.0000, 0.0000,
0.0000

■ 136.8910,
-31.9913, -52.5244

■ 215.9350,
-32.0130, -45.5470

■ 108.3250,
-30.2332, -56.4130

■ 227.7980,
-24.0574, -30.5178

■ 76.0140, -28.6009,
-66.6643

■ 239.6610,
-16.1019, -15.4887

■ 58.7000, -28.9391,
-51.4799

■ 251.8230, -8.2937,
0.1552

■ 44.0250, -21.7043,
-38.6099

■ 30.5240, -15.0483,
-26.7695

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 164.9620,
-33.0123, -51.7097

■ 164.9620,
-33.0123, -51.7097

■ 156.8870,
-39.3843, -61.2909

■ 173.0370,
-26.6402, -42.1284

■ 148.5130,
-45.6089, -71.4869

■ 181.4110,
-20.4156, -31.9324

■ 140.5520,
-51.5441, -81.1681

■ 189.3720,
-14.4804, -22.2512

■ 132.4770,
-57.9162, -90.7493

■ 197.4470, -8.1084,
-12.6700

■ 126.5810,
-62.4044, -97.8565

■ 205.5220, -1.7363,
-3.0888

■ 213.8960, 4.4883,
7.1072

■ 221.9710, 10.8603,
16.6884

■ 227.4110, 13.6014,
24.1956

Harmonies

Analogous

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



175.0390, -59.6722, 6.1048



164.9620, -33.0123, -51.7097



144.3310, 7.2318, -126.5783

Triad

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



164.9620, -33.0123, -51.7097



146.4700, 53.5053, -128.4542



169.5410, -10.1267, 74.9475

Complementary

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



164.9620, -33.0123, -51.7097



141.0380, 33.0123, 51.7097

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.



177.4240, 17.5390, 68.0342



164.9620, -33.0123, -51.7097



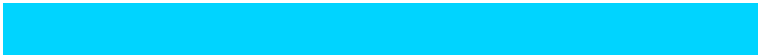
176.9000, 38.5033, -29.7303

Square

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



164.9620, -33.0123, -51.7097



153.5140, 50.0326, -134.6318



189.7550, 32.1658, 43.1879



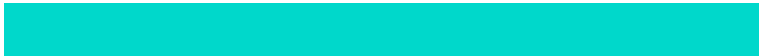
174.3100, -40.0858, 70.7651

Rectangle

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



164.9620, -33.0123, -51.7097



149.9340, 26.1615, -131.4921



189.7550, 32.1658, 43.1879



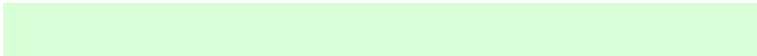
170.1740, -0.0858, 74.3924

Sweetspot

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



164.9620, -33.0123, -51.7097



238.9640, -12.3073, -19.2624



190.1770, -45.4433, 15.6308



118.2730, -7.5296, -11.6404



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.



164.9620, -33.0123, -51.7097



192.0950, -48.3608, -75.5053



167.8140, -11.7403, -61.2269



100.7560, -3.3307, -5.0480



102.2040, -50.3866, -79.1089



24.9640, -12.3073, -19.2624

Inverse Universe

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



141.0380, 33.0123, 51.7097



156.9050, 48.3608, 75.5053



138.1860, 11.7403, 61.2269



98.2440, 3.3307, 5.0480



65.7960, 50.3866, 79.1089



16.0360, 12.3073, 19.2624

Previews

White Background



This preview shows how the YUV color 164.9620, -33.0123, -51.7097 looks on a white background.

Color Contrast Check

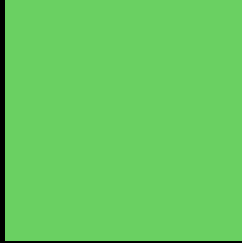
Large Text (above 18pt) WCAG AA × Fail

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 164.9620, -33.0123, -51.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

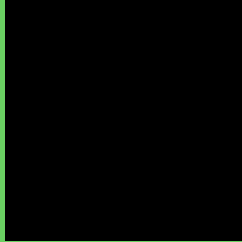
Any Text WCAG AA ✓ Pass

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 164.9620, -33.0123, -51.7097 Background



This preview shows how black text looks on a background with the YUV color 164.9620, -33.0123, -51.7097.



This preview shows how white text looks on a background with the YUV color 164.9620, -33.0123, -51.7097.

-51.7097.

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

164.9620, -33.0123, -51.7097

Protanopia

179.8510, -44.2965, 21.1787

Deuteranopia

182.6710, -37.7988, 37.1225



Tritanopia

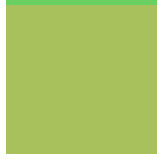
177.7910, 16.8650, -42.7897

Trichromacy



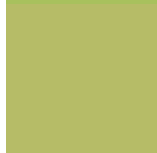
Original Color

164.9620, -33.0123, -51.7097



Protanomaly

174.1250, -39.9946, -5.3716



Deuteranomaly

176.5160, -36.2434, 4.8095



Tritanomaly

173.0730, -1.0220, -45.6680

Monochromacy



Original Color

164.9620, -33.0123, -51.7097



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.3770, -12.0179, -18.7476

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.9620, -33.0123, -51.7097 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(106, 208, 98)` looks like.

```
.text, #text, p{  
    color:rgb(106, 208, 98)  
}
```

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(106, 208, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 208, 98) }
```

Border

The CSS property to change the border of an element to YUV 164.9620, -33.0123, -51.7097 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(106, 208, 98) }
```


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

```
.border{ border-color:rgb(106, 208, 98) }
```

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

Here you see how a box with a 4 pixel rgb(106, 208, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 208, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 208, 98);  
box-shadow:4px 4px 4px 4px rgb(106, 208,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 164.9620, -33.0123, -51.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 208, 98) }
```

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

```
.background{ background-color: rgb(106,  
208, 98) }
```

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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