

Converting Colors

YUV(172.9060, -34.4637,
-6.0566)

Have a look what the booklet for
YUV(172.9060, -34.4637, -6.0566)
contains.

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Color

**YUV(172.9060, -34.4637,
-6.0566)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BE67
RGB	166, 190, 103
RGB Percent	65%, 75%, 40%
CMY	0.3490, 0.2549, 0.5961
CMYK	0.13, 0.00, 0.46, 0.25
HSL	77°, 40%, 57%
HSV	77°, 46%, 75%
XYZ	36.5875, 45.9132, 19.7657
YIQ	172.9060, 13.6230, -32.1450

Conversions

Conversions Part 2

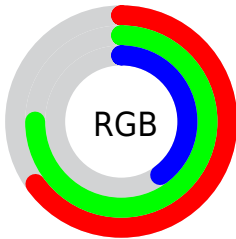
Format	Color
RYB	103, 190, 127
Decimal	10927719
CIELab	73.49, -22.01, 41.05
CIELCh	73, 46.576, 118.198
Yxy	45.9132, 0.3578, 0.4490
Android (android.graphics.Color)	4289117799 (0xFFA6BE67)
YUV	172.9060, -34.4637, -6.0566
Hunter-Lab	67.7593, -22.1952, 30.1363

Details

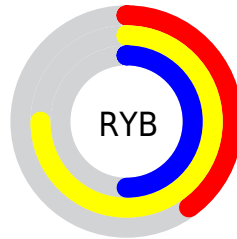
The YUV color **172.9060, -34.4637, -6.0566** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **120.0940, 34.4637, 6.0566**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5640, -35.7741, -5.7566**, and **119.9490, -33.0059, -6.9713** is the 20% darker color. If you saturate the color by 10%, you get **169.2450, -42.0258, -7.2309**, and if you desaturate by 10%, it is **176.5670, -26.9015, -4.8823**.

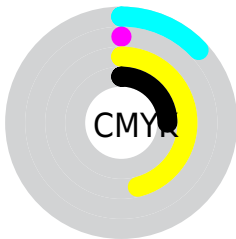
Distribution



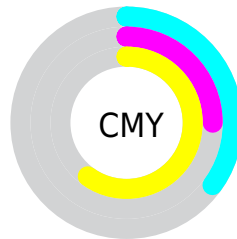
- Red (65%)
- Green (75%)
- Blue (40%)



- Red (40%)
- Yellow (75%)
- Blue (50%)



- Cyan (13%)
- Magenta (0%)
- Yellow (46%)
- Black (25%)



- Cyan (35%)
- Magenta (25%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9060, -34.4637, -6.0566 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 172.9060, -34.4637, -6.0566 by changing the saturation by 10% instead.

■ 172.9060,
-34.4637, -6.0566

■ 172.9060,
-34.4637, -6.0566

255.0000, 0.0000,
0.0000

■ 146.1340,
-33.5901, -6.2565

■ 228.5640,
-35.7741, -5.7566

■ 119.9490,
-33.0059, -6.9713

■ 245.5960,
-30.8598, 4.7393

■ 94.3620, -32.7165,
-6.4565

■ 249.9840,
-19.2191, 4.3990

■ 69.3080, -34.1688,
-7.2861

■ 253.2900, -6.5520,
1.4997

■ 48.3430, -23.8331,
-9.0708

■ 27.3560, -13.4865,
-14.3442

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 172.9060,
-34.4637, -6.0566

■ 172.9060,
-34.4637, -6.0566

■ 169.2450,
-42.0258, -7.2309

■ 176.5670,
-26.9015, -4.8823

■ 165.5840,
-49.5879, -8.4052

■ 180.2280,
-19.3394, -3.7080

■ 161.6240,
-57.0026, -10.1942

■ 184.1880,
-11.9247, -1.9189

■ 157.9630,
-64.5648, -11.3686

■ 187.8490, -4.3626,
-0.7446

■ 154.3020,
-72.1269, -12.5429

■ 191.5100, 3.1996,
0.4297

■ 152.7920,
-75.3265, -12.9726

■ 195.1710, 10.7617,
1.6040

■ 199.1310, 18.1764,
3.3931

■ 202.7920, 25.7385,
4.5674

■ 204.2870, 25.0015,
7.6413

Harmonies

Analogous

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



177.1060, -40.9713, 27.9710



172.9060, -34.4637, -6.0566



166.1750, -15.8623, -45.7575

Triad

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



172.9060, -34.4637, -6.0566



144.3670, 53.0631, -126.6099



183.0370, 0.9678, 63.1116

Complementary

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



172.9060, -34.4637, -6.0566



120.0940, 34.4637, 6.0566

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.



185.8180, 19.8097, 39.6246



172.9060, -34.4637, -6.0566



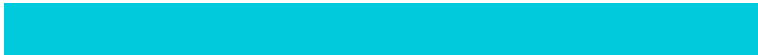
169.6470, 42.0790, -56.6954

Square

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



172.9060, -34.4637, -6.0566



143.5400, 37.2018, -125.8846



182.6800, 35.6538, -2.3504



179.8960, -18.6827, 65.8662

Rectangle

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



172.9060, -34.4637, -6.0566



157.3740, 2.2806, -78.3810



182.6800, 35.6538, -2.3504



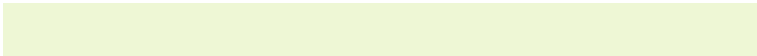
184.9100, 6.9464, 58.8379

Sweetspot

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



172.9060, -34.4637, -6.0566



240.4330, -13.5245, -2.1337



142.5140, -19.4804, 41.6452



120.8120, -8.2883, -1.5891



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



172.9060, -34.4637, -6.0566



220.4330, -53.9505, -9.1497



160.0490, -28.1252, -32.4920



92.3760, -3.6364, -0.3298



126.8320, -62.5282, -11.2537



24.7750, -12.2141, -2.4337

Inverse Universe

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



120.0940, 34.4637, 6.0566



137.8660, 53.8031, 9.7645



132.9510, 28.1252, 32.4920



86.9230, 3.4890, 0.9445



31.1680, 62.5282, 11.2537



5.9260, 12.3615, 1.8189

Previews

White Background



This preview shows how the YUV color 172.9060, -34.4637, -6.0566 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 172.9060, -34.4637, -6.0566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

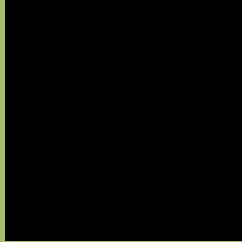
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.9060, -34.4637, -6.0566

Background



This preview shows how black text looks on a background with the YUV color 172.9060, -34.4637, -6.0566.



This preview shows how white text looks on a background with the YUV color 172.9060, -34.4637, -6.0566.

-6.0566.

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

172.9060, -34.4637, -6.0566

Protanopia

176.2620, -37.5972, 19.0642

Deuteranopia

178.6430, -35.3200, 35.3931



Tritanopia

180.6990, 6.5574, -3.2440

Trichromacy



Original Color

172.9060, -34.4637, -6.0566

Protanomaly

175.1360, -36.5490, 9.5277

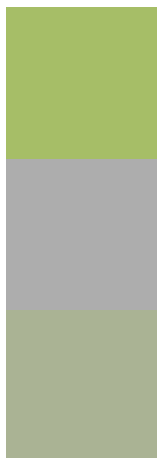
Deuteranomaly

176.9570, -34.9818, 20.2087

Tritanomaly

178.0890, -8.4249, -4.4631

Monochromacy



Original Color

172.9060, -34.4637, -6.0566

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.7750, -12.2141, -2.4337

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9060, -34.4637, -6.0566 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(166, 190, 103)` looks like.

```
.text, #text, p{  
    color:rgb(166, 190, 103)  
}
```

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(166, 190, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 190, 103) }
```

Border

The CSS property to change the border of an element to YUV 172.9060, -34.4637, -6.0566 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(166, 190, 103) }
```


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

```
.border{ border-color:rgb(166, 190, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 190, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 190, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 190, 103);  
box-shadow:4px 4px 4px 4px rgb(166, 190,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 172.9060, -34.4637, -6.0566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 190, 103) }
```

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

```
.background{ background-color: rgb(166,  
190, 103) }
```

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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