

Converting Colors

YUV(174.0440, -60.6607,
-3.5466)

Have a look what the booklet for
YUV(174.0440, -60.6607, -3.5466)
contains.

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Color

**YUV(174.0440, -60.6607,
-3.5466)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC833
RGB	170, 200, 51
RGB Percent	67%, 78%, 20%
CMY	0.3333, 0.2157, 0.8000
CMYK	0.15, 0.00, 0.75, 0.22
HSL	72°, 59%, 49%
HSV	72°, 74%, 78%
XYZ	37.8294, 50.0936, 10.8072
YIQ	174.0440, 29.9490, -52.6990

Conversions

Conversions Part 2

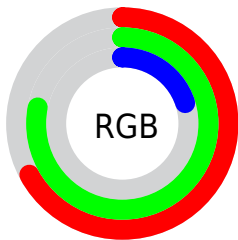
Format	Color
RYB	51, 200, 81
Decimal	11192371
CIELab	76.13, -29.31, 66.24
CIElCh	76, 72.432, 113.867
Yxy	50.0936, 0.3832, 0.5074
Android (android.graphics.Color)	4289382451 (0xFFAAC833)
YUV	174.0440, -60.6607, -3.5466
Hunter-Lab	70.7768, -28.4534, 40.4906

Details

The YUV color **174.0440, -60.6607, -3.5466** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **76.9560, 60.6607, 3.5466**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1690, -60.2293, -1.9022**, and **119.7880, -59.0555, -5.0761** is the 20% darker color. If you saturate the color by 10%, you get **170.5680, -68.8070, -4.0061**, and if you desaturate by 10%, it is **177.5200, -52.5144, -3.0870**.

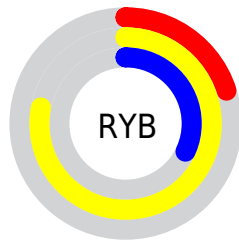
Distribution



Red (67%)

Green (78%)

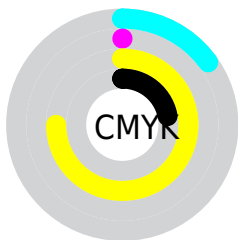
Blue (20%)



Red (20%)

Yellow (78%)

Blue (32%)

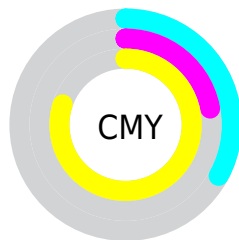


Cyan (15%)

Magenta (0%)

Yellow (75%)

Black (22%)



Cyan (33%)

Magenta (22%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.0440, -60.6607, -3.5466 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 174.0440, -60.6607, -3.5466 by changing the saturation by 10% instead.

■ 174.0440,
-60.6607, -3.5466

■ 174.0440,
-60.6607, -3.5466

■ 255.0000, 0.0000,
0.0000

■ 145.3770,
-65.7549, -2.9616

■ 230.1690,
-60.2293, -1.9022

■ 119.7880,
-59.0555, -5.0761

■ 241.4340,
-51.9790, 11.8974

■ 96.1540, -47.4039,
-8.9051

■ 244.6260,
-39.7486, 9.0980

■ 73.4060, -36.1892,
-12.6341

■ 247.9320,
-27.0815, 6.1986

■ 50.9460, -25.1164,
-17.4926

■ 251.2380,
-14.4143, 3.2993

■ 28.7630, -14.1802,
-25.2252

■ 254.5440, -1.7472,

■ 17.6100, -8.6817,

0.3999

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 174.0440,
-60.6607, -3.5466

■ 174.0440,
-60.6607, -3.5466

■ 170.5680,
-68.8070, -4.0061

■ 177.5200,
-52.5144, -3.0870

■ 167.0920,
-76.9534, -4.4657

■ 180.9960,
-44.3680, -2.6275

■ 165.2400,
-81.4633, -4.5955

■ 184.4720,
-36.2217, -2.1679

■ 187.9480,
-28.0754, -1.7084

■ 191.4240,
-19.9290, -1.2488

■ 194.9000,
-11.7827, -0.7893

■ 198.3760, -3.6364,
-0.3298

■ 201.8520, 4.5100,
0.1298

■ 205.3280, 12.6563,
0.5893

Harmonies

Analogous

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



180.0720, -69.5485, 47.2949



174.0440, -60.6607, -3.5466



160.8070, -28.0059, -70.8677

Triad

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



174.0440, -60.6607, -3.5466



154.6880, 49.4538, -135.6614



172.8760, 15.3441, 72.0227

Complementary

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



174.0440, -60.6607, -3.5466



76.9560, 60.6607, 3.5466

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.



191.0170, 31.5436, 56.1131



174.0440, -60.6607, -3.5466



145.8830, 53.7947, -127.9394

Square

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



174.0440, -60.6607, -3.5466



155.9130, 41.4549, -136.7357



181.1190, 36.4233, -15.8904



167.7000, -14.6421, 76.5621

Rectangle

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



174.0440, -60.6607, -3.5466



144.2510, 1.8483, -126.5081



181.1190, 36.4233, -15.8904



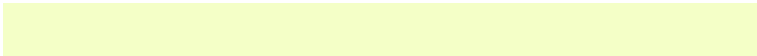
178.4330, 23.9435, 67.1493

Sweetspot

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



174.0440, -60.6607, -3.5466



245.3270, -22.8392, -1.1638



113.1610, -30.6454, 76.1578



122.0310, -13.8193, -0.9042



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.



174.0440, -60.6607, -3.5466



215.3680, -92.3724, -5.5847



151.9180, -49.7526, -49.0401



97.3760, -3.6364, -0.3298



134.5510, -66.3336, -3.9912



29.8030, -14.6929, -0.7042

Inverse Universe

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



76.9560, 60.6607, 3.5466



67.6320, 92.3724, 5.5847



99.0820, 49.7526, 49.0401



91.6240, 3.6364, 0.3298



28.4490, 66.3336, 3.9912



6.1970, 14.6929, 0.7042

Previews

White Background



This preview shows how the YUV color 174.0440, -60.6607, -3.5466 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 174.0440, -60.6607, -3.5466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

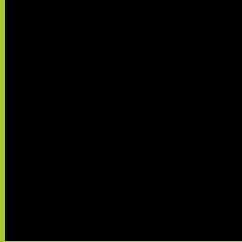
Any Text WCAG AA ✓ Pass

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 174.0440, -60.6607, -3.5466 Background



This preview shows how black text looks on a background with the YUV color 174.0440, -60.6607, -3.5466.



This preview shows how white text looks on a background with the YUV color 174.0440, -60.6607, -3.5466.

-3.5466.

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

174.0440, -60.6607, -3.5466

Protanopia

178.6180, -64.3947, 27.5220

Deuteranopia

181.2920, -59.7970, 46.2249



Tritanopia

187.4110, 6.6994, -2.1144

Trichromacy



Original Color

174.0440, -60.6607, -3.5466

Protanomaly

176.5950, -62.9043, 16.1412

Deuteranomaly

178.7690, -60.0321, 28.2666

Tritanomaly

182.5810, -18.0344, -2.2635

Monochromacy



Original Color

174.0440, -60.6607, -3.5466

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8540, -22.1130, -0.7490

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.0440, -60.6607, -3.5466 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(170, 200, 51)` looks like.

```
.text, #text, p{  
    color:rgb(170, 200, 51)  
}
```

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(170, 200, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 200, 51) }
```

Border

The CSS property to change the border of an element to YUV 174.0440, -60.6607, -3.5466 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(170, 200, 51) }
```


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

```
.border{ border-color:rgb(170, 200, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 200, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 200, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 200, 51);  
box-shadow:4px 4px 4px 4px rgb(170, 200,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 174.0440, -60.6607, -3.5466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 200, 51) }
```

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

```
.background{ background-color: rgb(170,  
200, 51) }
```

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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