

Converting Colors

YUV(173.0690, -51.7990,
0.8165)

Have a look what the booklet for
YUV(173.0690, -51.7990, 0.8165)
contains.

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Color

**YUV(173.0690, -51.7990,
0.8165)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC144
RGB	174, 193, 68
RGB Percent	68%, 76%, 27%
CMY	0.3176, 0.2431, 0.7333
CMYK	0.10, 0.00, 0.65, 0.24
HSL	69°, 50%, 51%
HSV	69°, 65%, 76%
XYZ	37.5689, 47.5560, 12.6680
YIQ	173.0690, 28.8010, -42.9030

Conversions

Conversions Part 2

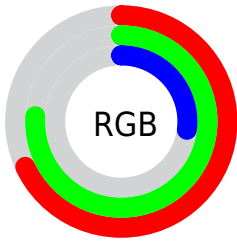
Format	Color
RYB	68, 193, 87
Decimal	11452740
CIELab	74.54, -23.33, 58.47
CIELCh	75, 62.957, 111.752
Yxy	47.5560, 0.3842, 0.4863
Android (android.graphics.Color)	4289642820 (0xFFAEC144)
YUV	173.0690, -51.7990, 0.8165
Hunter-Lab	68.9608, -23.4371, 37.3811

Details

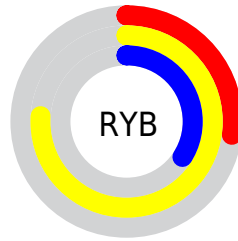
The YUV color **173.0690, -51.7990, 0.8165** is a dark color, and the websafe version is hex **CCCC66**. The color can be described as middle muted chartreuse. A complement of this color would be **87.9310, 51.7990, -0.8165**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.4390, -52.9674, 2.2460**, and **117.4620, -57.9088, 0.4718** is the 20% darker color. If you saturate the color by 10%, you get **170.0060, -59.6560, 0.8717**, and if you desaturate by 10%, it is **176.1320, -43.9421, 0.7612**.

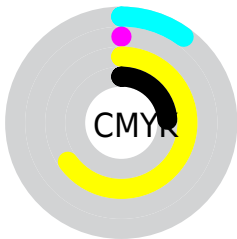
Distribution



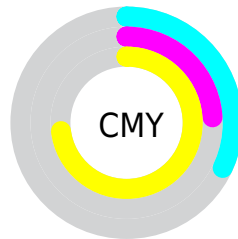
- Red (68%)
- Green (76%)
- Blue (27%)



- Red (27%)
- Yellow (76%)
- Blue (34%)



- Cyan (10%)
- Magenta (0%)
- Yellow (65%)
- Black (24%)



- Cyan (32%)
- Magenta (24%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0690, -51.7990, 0.8165 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 173.0690, -51.7990, 0.8165 by changing the saturation by 10% instead.

■ 173.0690,
-51.7990, 0.8165

■ 173.0690,
-51.7990, 0.8165

■ 255.0000, 0.0000,
0.0000

■ 145.6560,
-52.0884, 0.3017

■ 229.4390,
-52.9674, 2.2460

■ 117.4620,
-57.9088, 0.4718

■ 242.9160,
-46.3006, 10.5977

■ 94.1270, -46.4046,
-2.7424

■ 246.1080,
-34.0702, 7.7983

■ 71.9770, -35.4847,
-5.2418

■ 249.4140,
-21.4031, 4.8989

■ 50.4030, -24.8487,
-10.0004

■ 252.7200, -8.7360,
1.9996

■ 29.1170, -14.3547,
-15.8886

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 173.0690,
-51.7990, 0.8165

■ 173.0690,
-51.7990, 0.8165

■ 170.0060,
-59.6560, 0.8717

■ 176.1320,
-43.9421, 0.7612

■ 166.8290,
-67.9497, 1.0270

■ 179.3090,
-35.6483, 0.6060

■ 163.7660,
-75.8066, 1.0822

■ 182.3720,
-27.7914, 0.5508

■ 162.3270,
-80.0272, 1.4672

■ 185.4350,
-19.9345, 0.4955

■ 188.4980,
-12.0775, 0.4403

■ 191.6750, -3.7838,
0.2850

■ 194.7380, 4.0732,
0.2298

■ 197.5020, 12.0775,
-0.4403

■ 200.6790, 20.3713,
-0.5955

Harmonies

Analogous

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



178.2640, -57.3182, 44.4955



173.0690, -51.7990, 0.8165



163.4440, -27.3339, -53.0094

Triad

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



173.0690, -51.7990, 0.8165



150.5790, 51.4796, -132.0578



177.3440, 12.1554, 68.1043

Complementary

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



173.0690, -51.7990, 0.8165



87.9310, 51.7990, -0.8165

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.



189.1680, 32.4552, 43.7027



173.0690, -51.7990, 0.8165



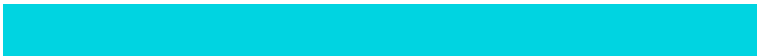
143.5350, 54.9522, -125.8802

Square

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



173.0690, -51.7990, 0.8165



150.0940, 36.9287, -131.6324



179.0370, 37.4498, -18.4494



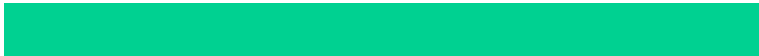
171.3190, -13.4683, 73.3882

Rectangle

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



173.0690, -51.7990, 0.8165



139.2130, 2.8530, -122.0898



179.0370, 37.4498, -18.4494



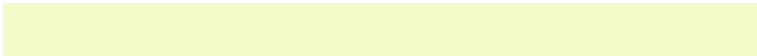
181.8580, 19.2970, 64.1455

Sweetspot

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



173.0690, -51.7990, 0.8165



242.4350, -19.9345, 0.4955



116.5280, -23.9243, 67.0659



120.4980, -12.0775, 0.4403



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.



173.0690, -51.7990, 0.8165



218.8000, -80.7534, 1.0524



154.5310, -42.6598, -37.2997



95.2620, -4.0732, -0.2298



135.1710, -66.6393, 0.7270



27.7430, -13.6773, 0.2254

Inverse Universe

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



87.9310, 51.7990, -0.8165



86.2000, 80.7534, -1.0524



106.4690, 42.6598, 37.2997



88.7380, 4.0732, 0.2298



25.5300, 66.7867, -1.3418



5.2570, 13.6773, -0.2254

Previews

White Background



This preview shows how the YUV color 173.0690, -51.7990, 0.8165 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 173.0690, -51.7990, 0.8165 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 173.0690, -51.7990, 0.8165

Background



This preview shows how black text looks on a background with the YUV color 173.0690, -51.7990, 0.8165.



This preview shows how white text looks on a background with the YUV color 173.0690, -51.7990,

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

173.0690, -51.7990, 0.8165

Protanopia

176.1260, -54.7851, 25.3225

Deuteranopia

178.7460, -51.6398, 43.1958



Tritanopia

184.3900, 5.2307, 2.2890

Trichromacy



Original Color

173.0690, -51.7990, 0.8165

Protanomaly

175.2990, -53.8844, 16.4008

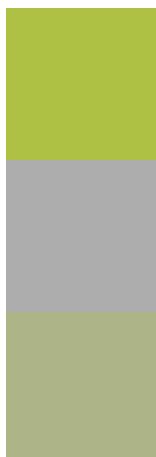
Deuteranomaly

176.6470, -51.5910, 27.4966

Tritanomaly

179.9990, -15.2825, 1.7549

Monochromacy



Original Color

173.0690, -51.7990, 0.8165

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.7770, -18.6241, 0.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0690, -51.7990, 0.8165 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(174, 193, 68)` looks like.

```
.text, #text, p{  
    color:rgb(174, 193, 68)  
}
```

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(174, 193, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 193, 68) }
```

Border

The CSS property to change the border of an element to YUV 173.0690, -51.7990, 0.8165 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(174, 193, 68) }
```


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

```
.border{ border-color:rgb(174, 193, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 193, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 193, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 193, 68);  
box-shadow:4px 4px 4px 4px rgb(174, 193,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 173.0690, -51.7990, 0.8165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 193, 68) }
```

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

```
.background{ background-color: rgb(174,  
193, 68) }
```

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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