

Converting Colors

YUV(174.0970, -57.7288,
-10.6091)

Have a look what the booklet for
YUV(174.0970, -57.7288, -10.6091)
contains.

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Color

**YUV(174.0970, -57.7288,
-10.6091)**

Conversions

Conversions Part 1

Format	Color
Hex	A2CB39
RGB	162, 203, 57
RGB Percent	64%, 80%, 22%
CMY	0.3647, 0.2039, 0.7765
CMYK	0.20, 0.00, 0.72, 0.20
HSL	77°, 58%, 51%
HSV	77°, 72%, 80%
XYZ	36.9947, 50.6887, 11.7050
YIQ	174.0970, 22.4300, -54.0980

Conversions

Conversions Part 2

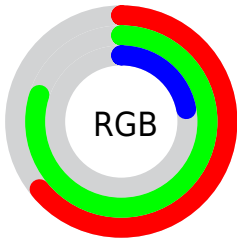
Format	Color
RYB	57, 203, 98
Decimal	10668857
CIELab	76.49, -33.60, 64.37
CIELCh	76, 72.610, 117.563
Yxy	50.6887, 0.3722, 0.5100
Android (android.graphics.Color)	4288858937 (0xFFA2CB39)
YUV	174.0970, -57.7288, -10.6091
Hunter-Lab	71.1960, -31.8410, 40.0896

Details

The YUV color **174.0970, -57.7288, -10.6091** 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 **85.9030, 57.7288, 10.6091**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3470, -56.8661, -7.3203**, and **119.1570, -58.7444, -11.5387** is the 20% darker color. If you saturate the color by 10%, you get **170.0230, -65.5803, -12.2982**, and if you desaturate by 10%, it is **178.1710, -49.8773, -8.9200**.

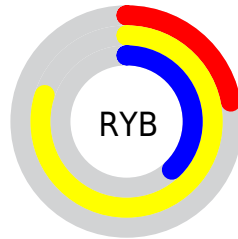
Distribution



Red (64%)

Green (80%)

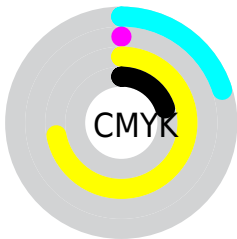
Blue (22%)



Red (22%)

Yellow (80%)

Blue (38%)

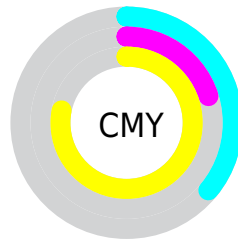


Cyan (20%)

Magenta (0%)

Yellow (72%)

Black (20%)



Cyan (36%)

Magenta (20%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.0970, -57.7288, -10.6091 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 174.0970, -57.7288, -10.6091 by changing the saturation by 10% instead.

■ 174.0970,
-57.7288, -10.6091

■ 174.0970,
-57.7288, -10.6091

■ 255.0000, 0.0000,
0.0000

■ 145.4130,
-60.3496, -10.0092

■ 228.3470,
-56.8661, -7.3203

■ 119.1570,
-58.7444, -11.5387

■ 240.5090,
-49.0579, 8.3236

■ 95.5230, -47.0928,
-15.3677

■ 245.1960,
-37.5646, 8.5981

■ 73.0740, -36.0255,
-18.4819

■ 248.5020,
-24.8975, 5.6987

■ 48.8310, -24.0737,
-25.2848

■ 251.8080,
-12.2303, 2.7994

■ 29.3500, -14.4695,
-25.7399

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 174.0970,
-57.7288, -10.6091

■ 174.0970,
-57.7288, -10.6091

■ 170.0230,
-65.5803, -12.2982

■ 178.1710,
-49.8773, -8.9200

■ 166.1340,
-74.0161, -13.2725

■ 182.0600,
-41.4416, -7.9456

■ 162.8150,
-80.2678, -14.7468

■ 186.1340,
-33.5901, -6.2565

■ 190.2080,
-25.7385, -4.5674

■ 194.3960,
-17.4502, -2.9783

■ 198.1710, -9.4513,
-1.9040

■ 202.2450, -1.5998,
-0.2149

■ 206.3190, 6.2517,
1.4742

■ 210.2080, 14.6875,
2.4486

Harmonies

Analogous

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



180.3980, -70.6952, 41.7470



174.0970, -57.7288, -10.6091



157.6250, -22.0001, -83.8631

Triad

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



174.0970, -57.7288, -10.6091



154.1010, 49.7432, -135.1466



172.0780, 12.2865, 72.7226

Complementary

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



174.0970, -57.7288, -10.6091



85.9030, 57.7288, 10.6091

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.



189.8430, 32.1224, 57.1427



174.0970, -57.7288, -10.6091



145.2960, 54.0841, -127.4246

Square

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



174.0970, -57.7288, -10.6091



157.5260, 45.0967, -138.1503



184.1420, 34.9330, -4.5095



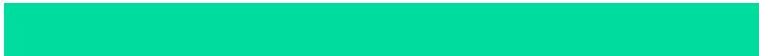
168.6630, -18.5679, 75.7175

Rectangle

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



174.0970, -57.7288, -10.6091



146.5650, 5.6375, -128.5375



184.1420, 34.9330, -4.5095



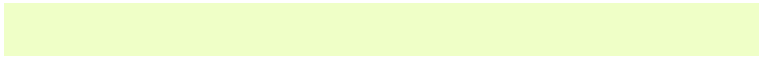
177.0480, 21.1753, 68.3639

Sweetspot

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



174.0970, -57.7288, -10.6091



243.8320, -22.1022, -4.2377



123.5470, -32.8077, 69.6803



121.1340, -13.3771, -2.7485



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.



174.0970, -57.7288, -10.6091



211.4960, -86.5195, -16.2210



152.8680, -47.2629, -54.2582



99.9630, -3.9258, -0.8446



133.0230, -65.5803, -12.2982



30.6780, -15.1243, -2.3486

Inverse Universe

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



85.9030, 57.7288, 10.6091



79.2050, 86.6669, 15.6062



107.1320, 47.2629, 54.2582



94.0370, 3.9258, 0.8446



32.9770, 65.5803, 12.2982



7.6210, 14.9768, 2.9634

Previews

White Background



This preview shows how the YUV color 174.0970, -57.7288, -10.6091 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 174.0970, -57.7288, -10.6091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

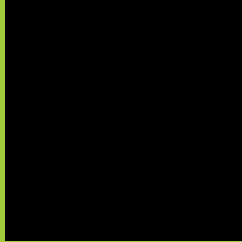
Any Text WCAG AA ✓ Pass

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 174.0970, -57.7288, -10.6091 Background



This preview shows how black text looks on a background with the YUV color 174.0970, -57.7288, -10.6091.



This preview shows how white text looks on a background with the YUV color 174.0970, -57.7288, -10.6091.

-10.6091.

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

174.0970, -57.7288, -10.6091

Protanopia

180.0740, -62.6475, 27.1221

Deuteranopia

182.8620, -57.6130, 45.7250



Tritanopia

187.4210, 8.1734, -8.2622

Trichromacy



Original Color

174.0970, -57.7288, -10.6091

Protanomaly

177.7410, -61.0043, 13.3821

Deuteranomaly

179.7300, -57.5479, 24.7928

Tritanomaly

182.5200, -15.5394, -9.2260

Monochromacy



Original Color

174.0970, -57.7288, -10.6091

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.3590, -21.3760, -3.8228

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.0970, -57.7288, -10.6091 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(162, 203, 57)` looks like.

```
.text, #text, p{  
    color:rgb(162, 203, 57)  
}
```

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(162, 203, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 203, 57) }
```

Border

The CSS property to change the border of an element to YUV 174.0970, -57.7288, -10.6091 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(162, 203, 57) }
```


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

```
.border{ border-color:rgb(162, 203, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 203, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 203, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 203, 57);  
box-shadow:4px 4px 4px 4px rgb(162, 203,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 174.0970, -57.7288, -10.6091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 203, 57) }
```

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

```
.background{ background-color: rgb(162,  
203, 57) }
```

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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