

Converting Colors

YUV(170.6130, -60.4482,
-25.0936)

Have a look what the booklet for
YUV(170.6130, -60.4482, -25.0936)
contains.

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Color

**YUV(170.6130, -60.4482,
-25.0936)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED130
RGB	142, 209, 48
RGB Percent	56%, 82%, 19%
CMY	0.4431, 0.1804, 0.8118
CMYK	0.32, 0.00, 0.77, 0.18
HSL	85°, 64%, 50%
HSV	85°, 77%, 82%
XYZ	34.4893, 51.5651, 10.9316
YIQ	170.6130, 11.7490, -64.2750

Conversions

Conversions Part 2

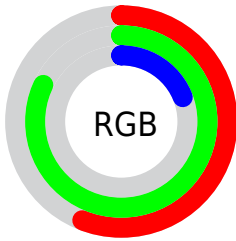
Format	Color
RYB	48, 209, 115
Decimal	9359664
CIELab	77.02, -44.32, 67.42
CIELCh	77, 80.686, 123.317
Yxy	51.5651, 0.3556, 0.5317
Android (android.graphics.Color)	4287549744 (0xFF8ED130)
YUV	170.6130, -60.4482, -25.0936
Hunter-Lab	71.8089, -39.9332, 41.2404

Details

The YUV color **170.6130, -60.4482, -25.0936** 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 **86.3870, 60.4482, 25.0936**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6830, -56.5387, -19.0160**, and **115.8130, -57.0958, -27.0230** is the 20% darker color. If you saturate the color by 10%, you get **165.5280, -68.2943, -28.5271**, and if you desaturate by 10%, it is **175.6980, -52.6021, -21.6601**.

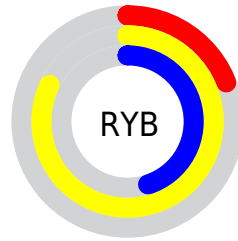
Distribution



Red (56%)

Green (82%)

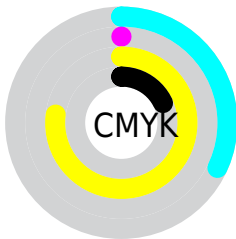
Blue (19%)



Red (19%)

Yellow (82%)

Blue (45%)

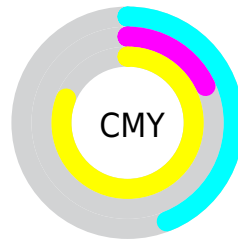


Cyan (32%)

Magenta (0%)

Yellow (77%)

Black (18%)



Cyan (44%)

Magenta (18%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.6130, -60.4482, -25.0936 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 170.6130, -60.4482, -25.0936 by changing the saturation by 10% instead.

■ 170.6130,
-60.4482, -25.0936

■ 170.6130,
-60.4482, -25.0936

255.0000, 0.0000,
0.0000

■ 140.2620,
-68.1632, -23.9088

■ 221.6830,
-56.5387, -19.0160

■ 115.8130,
-57.0958, -27.0230

■ 233.8450,
-48.7306, -3.3721

■ 91.5810, -45.1494,
-32.0815

■ 244.5120,
-40.1854, 9.1980

■ 66.1530, -32.6134,
-39.5992

■ 247.8180,
-27.5183, 6.2986

■ 45.1990, -22.2831,
-39.6395

■ 251.1240,
-14.8511, 3.3993

■ 31.6980, -15.6271,
-27.7991

■ 254.4300, -2.1840,

■ 18.7840, -9.2605,

0.4999

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 170.6130,
-60.4482, -25.0936

■ 170.6130,
-60.4482, -25.0936

■ 165.5280,
-68.2943, -28.5271

■ 175.6980,
-52.6021, -21.6601

■ 160.7420,
-76.2878, -31.3457

■ 180.4840,
-44.6086, -18.8415

■ 159.1610,
-78.4664, -32.5902

■ 185.5690,
-36.7625, -15.4080

■ 190.6540,
-28.9164, -11.9746

■ 195.4400,
-20.9229, -9.1559

■ 200.4110,
-13.5136, -5.6224

■ 205.4960, -5.6675,
-2.1890

■ 210.5810, 2.1786,
1.2445

■ 215.3670, 10.1721,
4.0631

Harmonies

Analogous

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



176.4240, -86.9770, 37.3392



170.6130, -60.4482, -25.0936



142.7060, -11.6871, -125.1532

Triad

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



170.6130, -60.4482, -25.0936



155.2750, 49.1644, -136.1762



163.6660, 10.5177, 80.0999

Complementary

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



170.6130, -60.4482, -25.0936



86.3870, 60.4482, 25.0936

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.



182.7990, 35.5951, 63.3203



170.6130, -60.4482, -25.0936



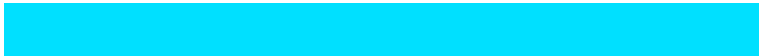
144.1220, 54.6629, -126.3950

Square

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



170.6130, -60.4482, -25.0936



160.5580, 46.5599, -140.8094



186.3120, 33.8632, 12.0044



164.7360, -25.9988, 79.1615

Rectangle

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



170.6130, -60.4482, -25.0936



150.8680, 9.4321, -132.3112



186.3120, 33.8632, 12.0044



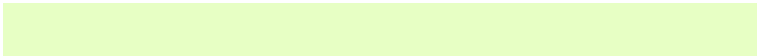
168.2770, 20.5694, 76.0561

Sweetspot

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



170.6130, -60.4482, -25.0936



241.0980, -22.2333, -8.8559



133.7070, -42.2536, 66.0320



119.4110, -13.5136, -5.6224



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.



170.6130, -60.4482, -25.0936



198.9080, -88.2016, -36.7533



147.2910, -48.9505, -73.0462



102.2510, -4.0677, -1.9741



127.9180, -63.0636, -26.2381



31.2430, -15.4028, -6.3521

Inverse Universe

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



86.3870, 60.4482, 25.0936



76.0920, 88.2016, 36.7533



109.7090, 48.9505, 73.0462



96.4500, 4.2152, 1.3594



40.0820, 63.0636, 26.2381



9.7570, 15.4028, 6.3521

Previews

White Background



This preview shows how the YUV color 170.6130, -60.4482, -25.0936 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 170.6130, -60.4482, -25.0936 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 170.6130, -60.4482, -25.0936 Background



This preview shows how black text looks on a background with the YUV color 170.6130, -60.4482, -25.0936.



This preview shows how white text looks on a background with the YUV color 170.6130, -60.4482, -25.0936.

-25.0936.

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

170.6130, -60.4482, -25.0936

Protanopia

180.1190, -67.5997, 28.8366

Deuteranopia

183.4770, -60.3812, 46.9397



Tritanopia

186.8430, 11.4164, -21.7873

Trichromacy



Original Color

170.6130, -60.4482, -25.0936

Protanomaly

176.6820, -64.9192, 9.0489

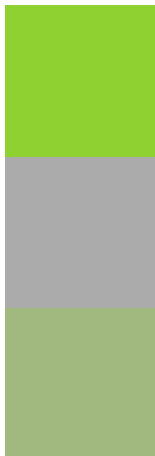
Deuteranomaly

178.8990, -60.5892, 20.2596

Tritanomaly

180.9590, -14.7698, -22.7660

Monochromacy



Original Color

170.6130, -60.4482, -25.0936

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.7990, -22.0859, -9.4707

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.6130, -60.4482, -25.0936 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(142, 209, 48)` looks like.

```
.text, #text, p{  
    color:rgb(142, 209, 48)  
}
```

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(142, 209, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 209, 48) }
```

Border

The CSS property to change the border of an element to YUV 170.6130, -60.4482, -25.0936 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(142, 209, 48) }
```


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

```
.border{ border-color:rgb(142, 209, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 209, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 209, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 209, 48);  
box-shadow:4px 4px 4px 4px rgb(142, 209,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 170.6130, -60.4482, -25.0936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 209, 48) }
```

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

```
.background{ background-color: rgb(142,  
209, 48) }
```

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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