

Converting Colors

YUV(181.1930, -63.1991,
17.3707)

Have a look what the booklet for
YUV(181.1930, -63.1991, 17.3707)
contains.

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Color

**YUV(181.1930, -63.1991,
17.3707)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C435
RGB	201, 196, 53
RGB Percent	79%, 77%, 21%
CMY	0.2118, 0.2314, 0.7922
CMYK	0.00, 0.02, 0.74, 0.21
HSL	58°, 58%, 50%
HSV	58°, 74%, 79%
XYZ	44.4699, 52.1544, 11.0912
YIQ	181.1930, 48.8830, -43.4130

Conversions

Conversions Part 2

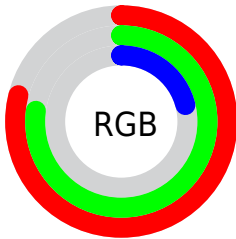
Format	Color
RYB	58, 201, 53
Decimal	13222965
CIELab	77.37, -14.31, 67.58
CIELCh	77, 69.081, 101.954
Yxy	52.1544, 0.4128, 0.4842
Android (android.graphics.Color)	4291413045 (0xFFC9C435)
YUV	181.1930, -63.1991, 17.3707
Hunter-Lab	72.2180, -16.4660, 41.4469

Details

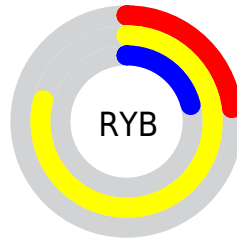
The YUV color **181.1930, -63.1991, 17.3707** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **72.8070, 63.1991, -17.3707**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7090, -62.4675, 16.0412**, and **126.6980, -62.4621, 14.2969** is the 20% darker color. If you saturate the color by 10%, you get **178.3260, -71.6457, 19.8851**, and if you desaturate by 10%, it is **184.0600, -54.7526, 14.8564**.

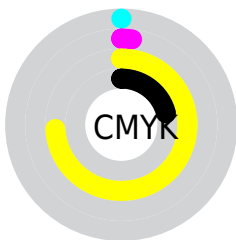
Distribution



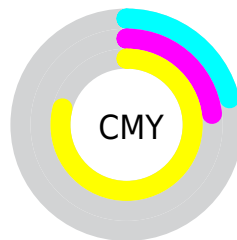
- Red (79%)
- Green (77%)
- Blue (21%)



- Red (23%)
- Yellow (79%)
- Blue (21%)



- Cyan (0%)
- Magenta (2%)
- Yellow (74%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.1930, -63.1991, 17.3707 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 181.1930, -63.1991, 17.3707 by changing the saturation by 10% instead.

■ 181.1930,
-63.1991, 17.3707

■ 181.1930,
-63.1991, 17.3707

255.0000, 0.0000,
0.0000

■ 152.4550,
-67.2723, 17.1410

■ 236.7090,
-62.4675, 16.0412

■ 126.6980,
-62.4621, 14.2969

■ 241.6620,
-51.1054, 11.6974

■ 103.0640,
-50.8106, 10.4679

■ 244.8540,
-38.8750, 8.8980

■ 80.9030, -39.8852,
6.2241

■ 248.0460,
-26.6447, 6.0987

■ 58.7420, -28.9598,
1.9803

■ 251.3520,
-13.9775, 3.1993

■ 38.0540, -18.7606,
-2.6784

254.7720, -0.8736,

■ 17.0450, -8.4032,

0.2000

-11.4405

■ 0.0000, 0.0000,
0.0000

■ 181.1930,
-63.1991, 17.3707

■ 181.1930,
-63.1991, 17.3707

■ 178.3260,
-71.6457, 19.8851

■ 184.0600,
-54.7526, 14.8564

■ 176.0460,
-80.3817, 21.8847

■ 186.3400,
-46.0166, 12.8568

■ 173.9770,
-85.7707, 23.6992

■ 189.2070,
-37.5701, 10.3425

■ 192.0740,
-29.1235, 7.8281

■ 194.4680,
-19.9507, 5.7286

■ 197.3350,
-11.5042, 3.2142

■ 200.2020, -3.0576,
0.6998

■ 202.4820, 5.6784,
-1.2997

■ 205.3490, 14.1249,
-3.8141

Harmonies

Analogous

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



185.5650, -60.4245, 60.8945



181.1930, -63.1991, 17.3707



172.9870, -40.9126, -37.6996

Triad

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



181.1930, -63.1991, 17.3707



157.6230, 48.0069, -138.2354



184.2860, 23.5230, 62.0162

Complementary

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



181.1930, -63.1991, 17.3707



72.8070, 63.1991, -17.3707

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.



192.9230, 30.6040, 30.7625



181.1930, -63.1991, 17.3707



151.7530, 50.9008, -133.0874

Square

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



181.1930, -63.1991, 17.3707



154.9380, 30.1036, -135.8806



174.9850, 39.4474, -52.6068



172.8810, -2.4063, 72.0184

Rectangle

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



181.1930, -63.1991, 17.3707



157.8180, -14.7003, -91.9254



174.9850, 39.4474, -52.6068



190.6750, 30.2332, 56.4130

Sweetspot

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



181.1930, -63.1991, 17.3707



247.4420, -23.8819, 6.6284



98.0500, -18.7586, 90.2871



122.9500, -14.2723, 4.4289



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.



181.1930, -63.1991, 17.3707



224.7680, -95.5276, 26.5135



164.0950, -54.7698, -26.3933



97.9740, -3.9312, 0.8998



141.4830, -69.7511, 18.8704



30.7220, -15.1459, 4.6288

Inverse Universe

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



72.8070, 63.1991, -17.3707



60.6450, 95.8170, -25.9987



89.9050, 54.7698, 26.3933



91.0260, 3.9312, -0.8998



22.1040, 69.4617, -19.3852



4.6910, 15.4353, -4.1140

Previews

White Background



This preview shows how the YUV color 181.1930, -63.1991, 17.3707 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 181.1930, -63.1991, 17.3707 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 181.1930, -63.1991, 17.3707

Background



This preview shows how black text looks on a background with the YUV color 181.1930, -63.1991, 17.3707.



This preview shows how white text looks on a background with the YUV color 181.1930, -63.1991,

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

181.1930, -63.1991, 17.3707

Protanopia

182.0310, -64.1053, 28.0368

Deuteranopia

184.4340, -61.8390, 47.8544



Tritanopia

193.5660, 1.6930, 17.0436

Trichromacy



Original Color

181.1930, -63.1991, 17.3707

Protanomaly

181.7100, -63.9470, 23.9333

Deuteranomaly

182.9550, -62.0958, 36.8735

Tritanomaly

189.3770, -21.8779, 17.2094

Monochromacy



Original Color

181.1930, -63.1991, 17.3707

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.6700, -23.0083, 6.4284

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.1930, -63.1991, 17.3707 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(201, 196, 53)` looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 53)  
}
```

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(201, 196, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 53) }
```

Border

The CSS property to change the border of an element to YUV 181.1930, -63.1991, 17.3707 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(201, 196, 53) }
```


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

```
.border{ border-color:rgb(201, 196, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 196, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 196, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 196, 53);  
box-shadow:4px 4px 4px 4px rgb(201, 196,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 181.1930, -63.1991, 17.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 53) }
```

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

```
.background{ background-color: rgb(201,  
196, 53) }
```

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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