

Converting Colors

YUV(193.4030, -78.5857,
5.7856)

Have a look what the booklet for
YUV(193.4030, -78.5857, 5.7856)
contains.

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Color

**YUV(193.4030, -78.5857,
5.7856)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DD22
RGB	200, 221, 34
RGB Percent	78%, 87%, 13%
CMY	0.2157, 0.1333, 0.8667
CMYK	0.10, 0.00, 0.85, 0.13
HSL	67°, 73%, 50%
HSV	67°, 85%, 87%
XYZ	49.9646, 64.1078, 11.2540
YIQ	193.4030, 47.5110, -62.6090

Conversions

Conversions Part 2

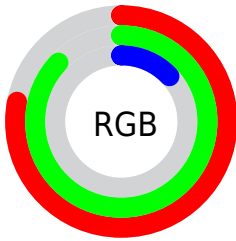
Format	Color
RYB	34, 221, 55
Decimal	13163810
CIELab	84.02, -27.60, 78.59
CIELCh	84, 83.296, 109.348
Yxy	64.1078, 0.3987, 0.5115
Android (android.graphics.Color)	4291353890 (0xFFC8DD22)
YUV	193.4030, -78.5857, 5.7856
Hunter-Lab	80.0673, -28.7280, 47.7135

Details

The YUV color **193.4030, -78.5857, 5.7856** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **61.5970, 78.5857, -5.7856**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3300, -67.7037, 15.4966**, and **139.9000, -68.9707, 1.8417** is the 20% darker color. If you saturate the color by 10%, you get **190.2970, -87.9004, 6.7555**, and if you desaturate by 10%, it is **196.5090, -69.2709, 4.8156**.

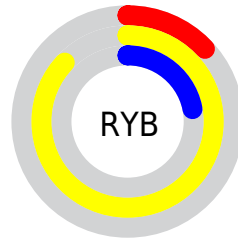
Distribution



Red (78%)

Green (87%)

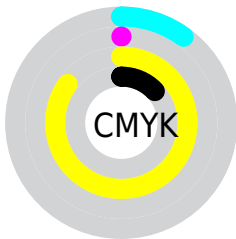
Blue (13%)



Red (13%)

Yellow (87%)

Blue (22%)

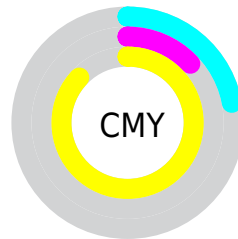


Cyan (10%)

Magenta (0%)

Yellow (85%)

Black (13%)



Cyan (22%)

Magenta (13%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4030, -78.5857, 5.7856 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 193.4030, -78.5857, 5.7856 by changing the saturation by 10% instead.

■ 193.4030,
-78.5857, 5.7856

■ 193.4030,
-78.5857, 5.7856

■ 255.0000, 0.0000,
0.0000

■ 164.4200,
-81.0591, 5.7707

■ 237.3300,
-67.7037, 15.4966

■ 139.9000,
-68.9707, 1.8417

■ 240.6360,
-55.0365, 12.5972

■ 115.9670,
-57.1717, -2.6021

■ 243.9420,
-42.3694, 9.6979

■ 92.3330, -45.5202,
-6.4310

■ 247.2480,
-29.7023, 6.7985

■ 69.8730, -34.4474,
-11.2896

■ 250.6680,
-16.5983, 3.7992

■ 47.1140, -23.2272,
-16.7630

■ 254.0880, -3.4944,

■ 25.8280, -12.7332,

0.7998

-22.6512

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 193.4030,
-78.5857, 5.7856

■ 193.4030,
-78.5857, 5.7856

■ 190.2970,
-87.9004, 6.7555

■ 196.5090,
-69.2709, 4.8156

■ 188.3310,
-92.8472, 6.7257

■ 199.9140,
-60.1036, 4.4604

■ 203.0200,
-50.7889, 3.4905

■ 206.4250,
-41.6215, 3.1353

■ 209.6450,
-31.8700, 2.0653

■ 213.0500,
-22.7027, 1.7101

■ 216.1560,
-13.3879, 0.7402

■ 219.5610, -4.2206,
0.3850

■ 222.6670, 5.0942,
-0.5850

Harmonies

Analogous

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



194.8310, -80.7687, 52.7682



193.4030, -78.5857, 5.7856



180.7180, -39.7940, -69.9127

Triad

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



193.4030, -78.5857, 5.7856



170.5370, 41.6403, -149.5609



183.5510, 28.3224, 62.6608

Complementary

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



193.4030, -78.5857, 5.7856



61.5970, 78.5857, -5.7856

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.



202.1700, 26.0452, 46.3319



193.4030, -78.5857, 5.7856



162.3190, 45.6917, -142.3538

Square

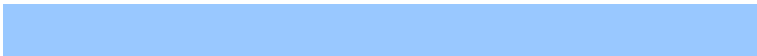
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



193.4030, -78.5857, 5.7856



173.4720, 40.1933, -152.1349



192.2170, 30.9520, -34.3933



173.9580, -5.8953, 71.0738

Rectangle

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



193.4030, -78.5857, 5.7856



159.8550, -4.3655, -140.1928



192.2170, 30.9520, -34.3933



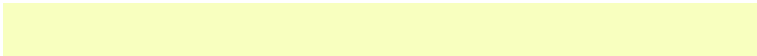
189.8430, 32.1224, 57.1427

Sweetspot

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



193.4030, -78.5857, 5.7856



245.6110, -26.9232, 2.0952



101.0660, -33.0635, 105.1821



122.0590, -16.2981, 0.8253



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.



193.4030, -78.5857, 5.7856



217.2590, -107.1087, 7.6659



166.1940, -65.1716, -50.1591



108.1480, -4.5100, -0.1298



147.5970, -72.7653, 5.6154



39.2610, -19.3557, 1.5251

Inverse Universe

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



61.5970, 78.5857, -5.7856



37.7410, 107.1087, -7.6659



88.8060, 65.1716, 50.1591



100.5530, 4.6574, -0.4850



25.4030, 72.7653, -5.6154



6.7390, 19.3557, -1.5251

Previews

White Background



This preview shows how the YUV color 193.4030, -78.5857, 5.7856 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 193.4030, -78.5857, 5.7856 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 193.4030, -78.5857, 5.7856

Background



This preview shows how black text looks on a background with the YUV color 193.4030, -78.5857, 5.7856.



This preview shows how white text looks on a background with the YUV color 193.4030, -78.5857, 5.7856.

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

193.4030, -78.5857, 5.7856

Protanopia

197.3680, -82.0194, 33.8803

Deuteranopia

205.1590, -51.3504, 43.7106



Tritanopia

210.8140, 5.5147, 4.5481

Trichromacy



Original Color

193.4030, -78.5857, 5.7856

Protanomaly

195.9430, -80.8239, 23.7290

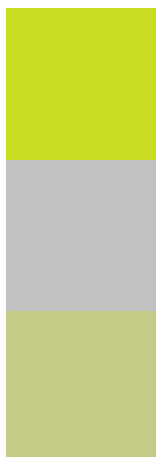
Deuteranomaly

201.1390, -61.2005, 29.6961

Tritanomaly

204.2030, -24.7501, 5.0840

Monochromacy



Original Color

193.4030, -78.5857, 5.7856

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.1550, -28.6704, 2.4951

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4030, -78.5857, 5.7856 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(200, 221, 34)` looks like.

```
.text, #text, p{  
    color:rgb(200, 221, 34)  
}
```

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(200, 221, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 221, 34) }
```

Border

The CSS property to change the border of an element to YUV 193.4030, -78.5857, 5.7856 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(200, 221, 34) }
```


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

```
.border{ border-color:rgb(200, 221, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 221, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 221, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 221, 34);  
box-shadow:4px 4px 4px 4px rgb(200, 221,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 193.4030, -78.5857, 5.7856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 221, 34) }
```

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

```
.background{ background-color: rgb(200,  
221, 34) }
```

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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