

Converting Colors

YUV(206.2830, -59.7925,
-2.0022)

Have a look what the booklet for
YUV(206.2830, -59.7925, -2.0022)
contains.

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Color

**YUV(206.2830, -59.7925,
-2.0022)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE755
RGB	204, 231, 85
RGB Percent	80%, 91%, 33%
CMY	0.2000, 0.0941, 0.6667
CMYK	0.12, 0.00, 0.63, 0.09
HSL	71°, 75%, 62%
HSV	71°, 63%, 91%
XYZ	55.1174, 70.6451, 19.3252
YIQ	206.2830, 30.7740, -51.1300

Conversions

Conversions Part 2

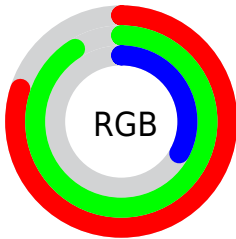
Format	Color
RYB	85, 231, 112
Decimal	13428565
CIELab	87.31, -28.36, 65.73
CIELCh	87, 71.585, 113.338
Yxy	70.6451, 0.3799, 0.4869
Android (android.graphics.Color)	4291618645 (0xFFCCE755)
YUV	206.2830, -59.7925, -2.0022
Hunter-Lab	84.0506, -30.0346, 45.2033

Details

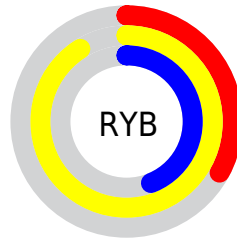
The YUV color **206.2830, -59.7925, -2.0022** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **109.7170, 59.7925, 2.0022**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0040, -49.7950, 11.3975**, and **149.1860, -62.7027, -1.9171** is the 20% darker color. If you saturate the color by 10%, you get **202.4650, -69.2492, -2.1618**, and if you desaturate by 10%, it is **210.1010, -50.3358, -1.8426**.

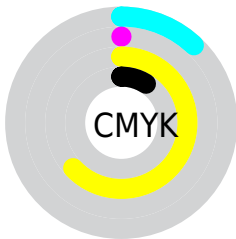
Distribution



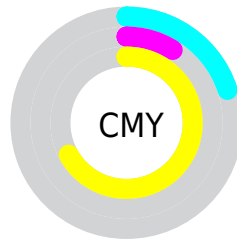
- Red (80%)
- Green (91%)
- Blue (33%)



- Red (33%)
- Yellow (91%)
- Blue (44%)



- Cyan (12%)
- Magenta (0%)
- Yellow (63%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.2830, -59.7925, -2.0022 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 206.2830, -59.7925, -2.0022 by changing the saturation by 10% instead.

■ 206.2830,
-59.7925, -2.0022

■ 206.2830,
-59.7925, -2.0022

■ 255.0000, 0.0000,
0.0000

■ 177.8700,
-60.0819, -2.5170

■ 242.0040,
-49.7950, 11.3975

■ 149.1860,
-62.7027, -1.9171

■ 245.1960,
-37.5646, 8.5981

■ 123.0440,
-60.6607, -3.5466

■ 248.3880,
-25.3343, 5.7987

■ 99.4100, -49.0091,
-7.3756

■ 251.6940,
-12.6671, 2.8994

■ 76.9610, -37.9418,
-10.4898

■ 54.2020, -26.7216,
-15.9632

■ 31.1330, -15.3486,

-23.7956

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 206.2830,
-59.7925, -2.0022

■ 206.2830,
-59.7925, -2.0022

■ 202.4650,
-69.2492, -2.1618

■ 210.1010,
-50.3358, -1.8426

■ 198.3480,
-78.5586, -2.9362

■ 214.2180,
-41.0265, -1.0682

■ 194.5300,
-88.0153, -3.0958

■ 218.0360,
-31.5697, -0.9086

■ 191.8090,
-94.5618, -3.3405

■ 221.8540,
-22.1130, -0.7490

■ 225.7860,
-12.2195, -0.6893

■ 229.9030, -2.9102,
0.0851

■ 233.7210, 6.5465,
0.2447

■ 235.8290, 9.4513,
1.9040

■ 237.0250, 8.8617,
4.3631

Harmonies

Analogous

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



208.1790, -65.1642, 41.0620



206.2830, -59.7925, -2.0022



194.6720, -29.9113, -66.3643

Triad

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



206.2830, -59.7925, -2.0022



173.4720, 40.1933, -152.1349



196.5960, 19.9192, 51.2203

Complementary

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



206.2830, -59.7925, -2.0022



109.7170, 59.7925, 2.0022

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.



210.3880, 21.9937, 39.1247



206.2830, -59.7925, -2.0022



164.6670, 44.5342, -144.4130

Square

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



206.2830, -59.7925, -2.0022



176.9940, 38.4570, -155.2237



208.8840, 22.7352, -12.1763



190.6050, -10.6513, 56.4744

Rectangle

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



206.2830, -59.7925, -2.0022



166.9280, 4.9655, -146.3959



208.8840, 22.7352, -12.1763



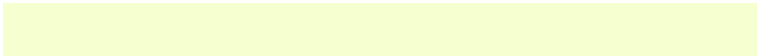
201.5830, 26.3346, 46.8467

Sweetspot

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



206.2830, -59.7925, -2.0022



246.8370, -19.6396, -0.7340



144.5030, -29.3350, 75.8579



122.7860, -12.2195, -0.6893



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.



206.2830, -59.7925, -2.0022



222.1200, -79.4322, -2.7362



184.4560, -49.0318, -46.8809



113.0340, -4.9468, -0.0298



148.4280, -73.1750, -3.0064



42.4950, -20.9500, -0.4341

Inverse Universe

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



109.7170, 59.7925, 2.0022



93.8800, 79.4322, 2.7362



131.5440, 49.0318, 46.8809



104.9660, 4.9468, 0.0298



30.2730, 73.3224, 2.3916



8.5050, 20.9500, 0.4341

Previews

White Background



This preview shows how the YUV color 206.2830, -59.7925, -2.0022 looks on a white background.

Color Contrast Check

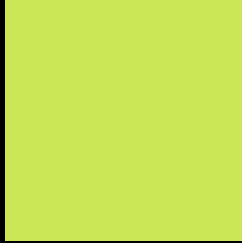
Large Text (above 18pt) WCAG AA × Fail

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 206.2830, -59.7925, -2.0022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

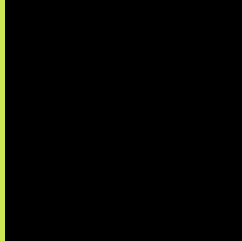
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 206.2830, -59.7925, -2.0022

Background



This preview shows how black text looks on a background with the YUV color 206.2830, -59.7925, -2.0022.



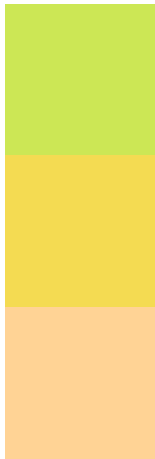
This preview shows how white text looks on a background with the YUV color 206.2830, -59.7925, -2.0022.

-2.0022.

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

206.2830, -59.7925, -2.0022

Protanopia

210.8570, -63.5265, 29.0664

Deuteranopia

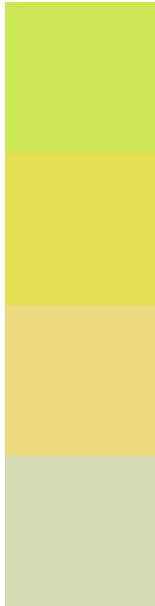
217.0880, -33.5674, 33.2488



Tritanopia

219.1340, 6.8359, 0.7595

Trichromacy



Original Color

206.2830, -59.7925, -2.0022

Protanomaly

208.8340, -62.0362, 17.6856

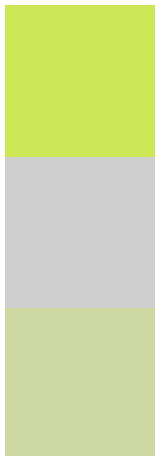
Deuteranomaly

212.8940, -42.8387, 20.2640

Tritanomaly

214.1190, -17.3137, -0.1044

Monochromacy



Original Color

206.2830, -59.7925, -2.0022

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.9680, -21.6762, -0.8489

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.2830, -59.7925, -2.0022 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(204, 231, 85)` looks like.

```
.text, #text, p{  
    color:rgb(204, 231, 85)  
}
```

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(204, 231, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 231, 85) }
```

Border

The CSS property to change the border of an element to YUV 206.2830, -59.7925, -2.0022 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(204, 231, 85) }
```


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

```
.border{ border-color:rgb(204, 231, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 231, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 231, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 231, 85);  
box-shadow:4px 4px 4px 4px rgb(204, 231,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 206.2830, -59.7925, -2.0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 231, 85) }
```

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

```
.background{ background-color: rgb(204,  
231, 85) }
```

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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