

Converting Colors

YUV(205.2040, -86.8686,
2.4521)

Have a look what the booklet for
YUV(205.2040, -86.8686, 2.4521)
contains.

YUV(205.2040, -86.8686, 2.4521)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(205.2040, -86.8686,
2.4521)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EE1D
RGB	208, 238, 29
RGB Percent	82%, 93%, 11%
CMY	0.1843, 0.0667, 0.8863
CMYK	0.13, 0.00, 0.88, 0.07
HSL	69°, 86%, 52%
HSV	69°, 88%, 93%
XYZ	56.8087, 74.6477, 12.5767
YIQ	205.2040, 49.2090, -71.3590

Conversions

Conversions Part 2

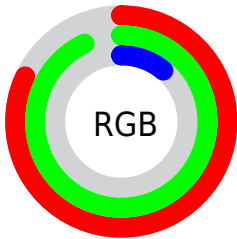
Format	Color
R _Y B	29, 238, 59
Decimal	13692445
CIE Lab	89.23, -32.39, 84.03
CIE LCh	89, 90.053, 111.082
Yxy	74.6477, 0.3944, 0.5183
Android (android.graphics.Color)	4291882525 (0xFFD0EE1D)
YUV	205.2040, -86.8686, 2.4521
Hunter-Lab	86.3989, -33.8313, 51.8486

Details

The YUV color **205.2040, -86.8686, 2.4521** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **61.7960, 86.8686, -2.4521**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3300, -67.7037, 15.4966**, and **151.3850, -74.6328, -2.0916** is the 20% darker color. If you saturate the color by 10%, you get **201.5710, -96.9095, 3.0072**, and if you desaturate by 10%, it is **208.8370, -76.8276, 1.8970**.

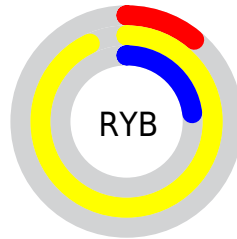
Distribution



Red (82%)

Green (93%)

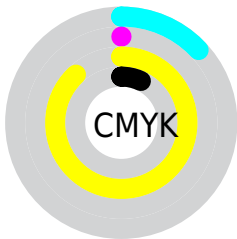
Blue (11%)



Red (11%)

Yellow (93%)

Blue (23%)

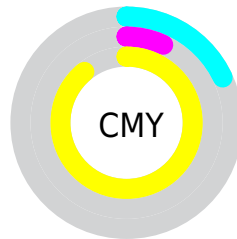


Cyan (13%)

Magenta (0%)

Yellow (88%)

Black (7%)



Cyan (18%)

Magenta (7%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.2040, -86.8686, 2.4521 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 205.2040, -86.8686, 2.4521 by changing the saturation by 10% instead.

■ 205.2040,
-86.8686, 2.4521

■ 205.2040,
-86.8686, 2.4521

■ 255.0000, 0.0000,
0.0000

■ 176.4920,
-87.0106, 1.3225

■ 237.3300,
-67.7037, 15.4966

■ 151.3850,
-74.6328, -2.0916

■ 240.7500,
-54.5998, 12.4972

■ 126.8650,
-62.5444, -6.0206

■ 244.1700,
-41.4958, 9.4979

■ 102.9320,
-50.7455, -10.4644

■ 247.4760,
-28.8287, 6.5985

■ 79.5860, -39.2359,
-15.4229

■ 250.8960,
-15.7247, 3.5992

■ 56.5280, -27.8683,
-21.5111

■ 254.3160, -2.6208,

■ 32.8720, -16.2059,

0.5999

-28.8287

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 205.2040,
-86.8686, 2.4521

■ 205.2040,
-86.8686, 2.4521

■ 201.5710,
-96.9095, 3.0072

■ 208.8370,
-76.8276, 1.8970

■ 200.7020,
-98.9461, 2.8923

■ 212.7690,
-66.9341, 1.9566

■ 216.2880,
-57.3300, 1.5014

■ 220.2200,
-47.4365, 1.5611

■ 223.8530,
-37.3955, 1.0059

■ 227.4860,
-27.3546, 0.4508

■ 231.4180,
-17.4611, 0.5104

■ 234.9370, -7.8569,
0.0553

■ 238.8690, 2.0366,
0.1149

Harmonies

Analogous

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



201.8120, -92.0983, 46.6459



205.2040, -86.8686, 2.4521



189.9180, -39.8926, -84.9971

Triad

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



205.2040, -86.8686, 2.4521



178.7550, 37.5888, -156.7681



187.9680, 32.5538, 58.7871

Complementary

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



205.2040, -86.8686, 2.4521



61.7960, 86.8686, -2.4521

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.



206.8660, 23.7301, 42.2135



205.2040, -86.8686, 2.4521



171.1240, 41.3509, -150.0757

Square

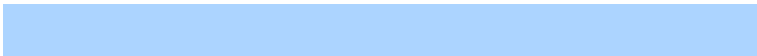
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



205.2040, -86.8686, 2.4521



178.7550, 37.5888, -156.7681



204.9420, 24.6786, -28.8901



179.3380, -5.5896, 66.3556

Rectangle

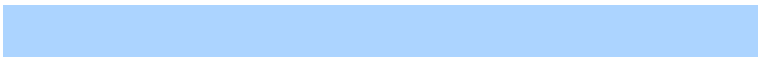
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



205.2040, -86.8686, 2.4521



168.4950, -1.7230, -147.7701



204.9420, 24.6786, -28.8901



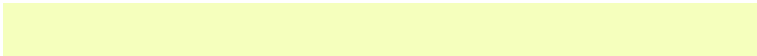
192.7780, 30.6754, 54.5687

Sweetspot

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



205.2040, -86.8686, 2.4521



244.4860, -27.3546, 0.4508



107.9270, -38.9110, 114.0740



121.6460, -16.5875, 0.3105



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.



205.2040, -86.8686, 2.4521



214.8670, -105.9294, 2.7476



174.7060, -71.8331, -60.2552



118.0340, -4.9468, -0.0298



154.9510, -76.3908, 1.7970



47.2240, -23.2814, 0.6806

Inverse Universe

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



61.7960, 86.8686, -2.4521



40.1330, 105.9294, -2.7476



92.2940, 71.8331, 60.2552



109.9660, 4.9468, 0.0298



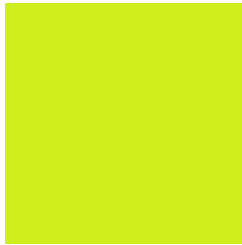
28.7500, 76.5383, -2.4118



8.7760, 23.2814, -0.6806

Previews

White Background



This preview shows how the YUV color 205.2040, -86.8686, 2.4521 looks on a white background.

Color Contrast Check

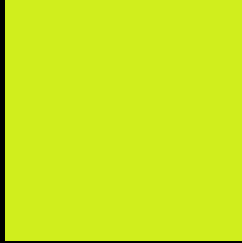
Large Text (above 18pt) WCAG AA × Fail

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 205.2040, -86.8686, 2.4521 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 205.2040, -86.8686, 2.4521 Background



This preview shows how black text looks on a background with the YUV color 205.2040, -86.8686, 2.4521.



This preview shows how white text looks on a background with the YUV color 205.2040, -86.8686, 2.4521.

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

205.2040, -86.8686, 2.4521

Protanopia

209.5720, -91.4870, 37.2094

Deuteranopia

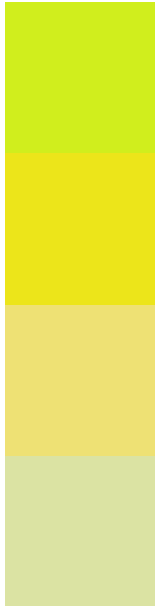
223.0210, -28.6044, 28.0456



Tritanopia

224.5470, 7.1253, 1.2743

Trichromacy



Original Color

205.2040, -86.8686, 2.4521

Protanomaly

207.9510, -89.7018, 24.5990

Deuteranomaly

216.4610, -49.5273, 18.8897

Tritanomaly

217.3120, -26.7758, 1.4804

Monochromacy



Original Color

205.2040, -86.8686, 2.4521

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.0470, -31.5752, 0.8358

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.2040, -86.8686, 2.4521 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(208, 238, 29)` looks like.

```
.text, #text, p{  
    color:rgb(208, 238, 29)  
}
```

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(208, 238, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 238, 29) }
```

Border

The CSS property to change the border of an element to YUV 205.2040, -86.8686, 2.4521 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".

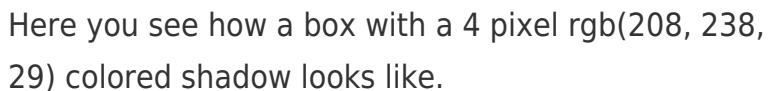
```
.border, #border, table{ border:4px solid rgb(208, 238, 29) }
```


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

```
.border{ border-color:rgb(208, 238, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 238, 29)` colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 238, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 238, 29);  
box-shadow:4px 4px 4px 4px rgb(208, 238,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 205.2040, -86.8686, 2.4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 238, 29) }
```

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

```
.background{ background-color: rgb(208,  
238, 29) }
```

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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