

Converting Colors

YUV(206.8670, -85.7164,
6.2556)

Have a look what the booklet for
YUV(206.8670, -85.7164, 6.2556)
contains.

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Color

**YUV(206.8670, -85.7164,
6.2556)**

Conversions

Conversions Part 1

Format	Color
Hex	D6ED21
RGB	214, 237, 33
RGB Percent	84%, 93%, 13%
CMY	0.1608, 0.0706, 0.8706
CMYK	0.10, 0.00, 0.86, 0.07
HSL	67°, 85%, 53%
HSV	67°, 86%, 93%
XYZ	58.2903, 74.9743, 12.8381
YIQ	206.8670, 51.7760, -68.3200

Conversions

Conversions Part 2

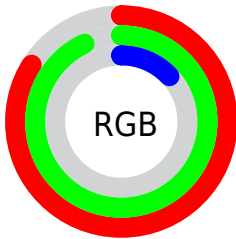
Format	Color
RYB	33, 237, 56
Decimal	14085409
CIELab	89.38, -29.42, 83.62
CIELCh	89, 88.645, 109.386
Yxy	74.9743, 0.3990, 0.5132
Android (android.graphics.Color)	4292275489 (0xFFD6ED21)
YUV	206.8670, -85.7164, 6.2556
Hunter-Lab	86.5877, -31.3635, 51.8206

Details

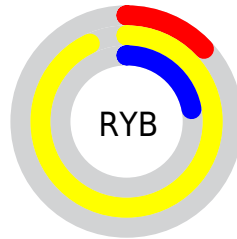
The YUV color **206.8670, -85.7164, 6.2556** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **63.1330, 85.7164, -6.2556**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.5580, -66.8301, 15.2966**, and **152.5920, -75.2279, 2.1118** is the 20% darker color. If you saturate the color by 10%, you get **203.2340, -95.7574, 6.8108**, and if you desaturate by 10%, it is **210.5000, -75.6755, 5.7005**.

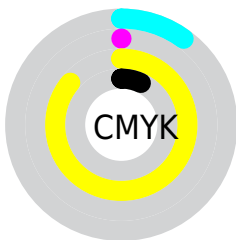
Distribution



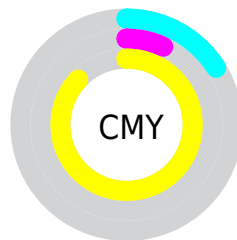
- Red (84%)
- Green (93%)
- Blue (13%)



- Red (13%)
- Yellow (93%)
- Blue (22%)



- Cyan (10%)
- Magenta (0%)
- Yellow (86%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.8670, -85.7164, 6.2556 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 206.8670, -85.7164, 6.2556 by changing the saturation by 10% instead.

■ 206.8670,
-85.7164, 6.2556

■ 206.8670,
-85.7164, 6.2556

■ 255.0000, 0.0000,
0.0000

■ 177.6990,
-87.6056, 5.5260

■ 237.5580,
-66.8301, 15.2966

■ 152.5920,
-75.2279, 2.1118

■ 240.9780,
-53.7262, 12.2973

■ 128.0720,
-63.1395, -1.8171

■ 244.3980,
-40.6222, 9.2980

■ 104.1390,
-51.3405, -6.2609

■ 247.7040,
-27.9551, 6.3986

■ 80.7930, -39.8309,
-11.2195

■ 251.1240,
-14.8511, 3.3993

■ 58.3330, -28.7582,
-16.0780

■ 254.5440, -1.7472,

■ 35.2640, -17.3852,

0.3999

-23.9105

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 206.8670,
-85.7164, 6.2556

■ 206.8670,
-85.7164, 6.2556

■ 203.2340,
-95.7574, 6.8108

■ 210.5000,
-75.6755, 5.7005

■ 201.9090,
-99.5411, 7.0958

■ 213.7200,
-65.9240, 4.6306

■ 217.3530,
-55.8830, 4.0754

■ 220.9860,
-45.8421, 3.5203

■ 224.2060,
-36.0906, 2.4503

■ 227.8390,
-26.0496, 1.8952

■ 231.4720,
-16.0087, 1.3401

■ 234.8060, -5.8204,
0.1701

■ 238.3250, 3.7838,
-0.2850

Harmonies

Analogous

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



202.9350, -85.2570, 45.6610



206.8670, -85.7164, 6.2556



193.2890, -42.5405, -75.6755

Triad

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



206.8670, -85.7164, 6.2556



178.7550, 37.5888, -156.7681



190.4300, 31.8330, 56.6279

Complementary

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



206.8670, -85.7164, 6.2556



63.1330, 85.7164, -6.2556

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.



209.2140, 22.5725, 40.1543



206.8670, -85.7164, 6.2556



171.7110, 41.0615, -150.5905

Square

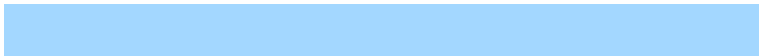
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.8670, -85.7164, 6.2556



178.7550, 37.5888, -156.7681



204.0120, 25.1371, -35.9675



180.6090, -3.2582, 65.2409

Rectangle

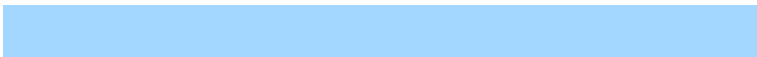
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206.8670, -85.7164, 6.2556



168.1530, -3.0334, -147.4702



204.0120, 25.1371, -35.9675



195.1260, 29.5179, 52.5095

Sweetspot

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



206.8670, -85.7164, 6.2556



245.3830, -27.7968, 2.2951



105.7360, -35.8588, 115.1185



121.9450, -16.7349, 0.9252



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.



206.8670, -85.7164, 6.2556



217.2590, -107.1087, 7.6659



177.2660, -71.1231, -54.6073



115.4470, -4.6574, 0.4850



154.3860, -76.1123, 5.8005



46.0500, -22.7026, 1.7102

Inverse Universe

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



63.1330, 85.7164, -6.2556



37.7410, 107.1087, -7.6659



92.7340, 71.1231, 54.6073



107.5530, 4.6574, -0.4850



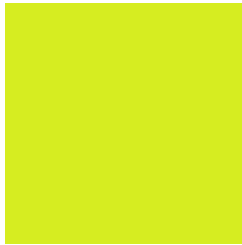
26.6140, 76.1123, -5.8005



7.9500, 22.7026, -1.7102

Previews

White Background



This preview shows how the YUV color 206.8670, -85.7164, 6.2556 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 206.8670, -85.7164, 6.2556 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 206.8670, -85.7164, 6.2556

Background



This preview shows how black text looks on a background with the YUV color 206.8670, -85.7164, 6.2556.



This preview shows how white text looks on a background with the YUV color 206.8670, -85.7164, 6.2556.

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

206.8670, -85.7164, 6.2556

Protanopia

211.0280, -89.7398, 36.8094

Deuteranopia

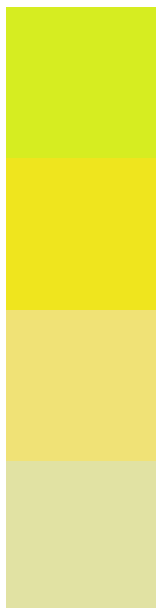
223.8360, -28.0201, 27.3308



Tritanopia

225.3410, 6.2409, 4.9629

Trichromacy



Original Color

206.8670, -85.7164, 6.2556

Protanomaly

209.3040, -88.3969, 26.0434

Deuteranomaly

217.8740, -49.2379, 19.4045

Tritanomaly

218.5190, -27.3709, 5.6838

Monochromacy



Original Color

206.8670, -85.7164, 6.2556

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

207.1720, -31.1438, 2.4802

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.8670, -85.7164, 6.2556 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(214, 237, 33)` looks like.

```
.text, #text, p{  
    color:rgb(214, 237, 33)  
}
```

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(214, 237, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 237, 33) }
```

Border

The CSS property to change the border of an element to YUV 206.8670, -85.7164, 6.2556 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(214, 237, 33) }
```


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

```
.border{ border-color:rgb(214, 237, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 237, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 237, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 237, 33);  
box-shadow:4px 4px 4px 4px rgb(214, 237,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 206.8670, -85.7164, 6.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 237, 33) }
```

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

```
.background{ background-color: rgb(214,  
237, 33) }
```

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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