

Converting Colors

YUV(207.1660, -85.8638,
6.8704)

Have a look what the booklet for
YUV(207.1660, -85.8638, 6.8704)
contains.

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Color

**YUV(207.1660, -85.8638,
6.8704)**

Conversions

Conversions Part 1

Format	Color
Hex	D7ED21
RGB	215, 237, 33
RGB Percent	84%, 93%, 13%
CMY	0.1569, 0.0706, 0.8706
CMYK	0.09, 0.00, 0.86, 0.07
HSL	66°, 85%, 53%
HSV	66°, 86%, 93%
XYZ	58.5830, 75.1253, 12.8518
YIQ	207.1660, 52.3720, -68.1080

Conversions

Conversions Part 2

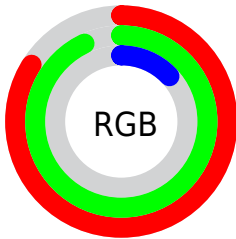
Format	Color
R _Y B	33, 237, 55
Decimal	14150945
CIE Lab	89.45, -29.02, 83.71
CIE LCh	89, 88.594, 109.120
Yxy	75.1253, 0.3997, 0.5126
Android (android.graphics.Color)	4292341025 (0xFFD7ED21)
YUV	207.1660, -85.8638, 6.8704
Hunter-Lab	86.6748, -31.0338, 51.8811

Details

The YUV color **207.1660, -85.8638, 6.8704** 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 **62.8340, 85.8638, -6.8704**, 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 **152.8910, -75.3753, 2.7266** is the 20% darker color. If you saturate the color by 10%, you get **203.5330, -95.9048, 7.4256**, and if you desaturate by 10%, it is **210.7990, -75.8229, 6.3153**.

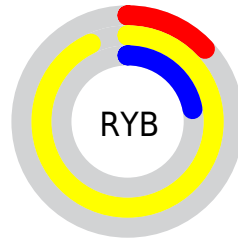
Distribution



Red (84%)

Green (93%)

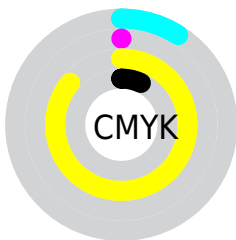
Blue (13%)



Red (13%)

Yellow (93%)

Blue (22%)

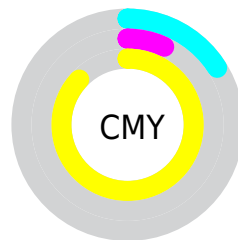


Cyan (9%)

Magenta (0%)

Yellow (86%)

Black (7%)



Cyan (16%)

Magenta (7%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.1660, -85.8638, 6.8704 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 207.1660, -85.8638, 6.8704 by changing the saturation by 10% instead.

207.1660,
-85.8638, 6.8704

207.1660,
-85.8638, 6.8704

255.0000, 0.0000,
0.0000

177.9980,
-87.7530, 6.1408

237.5580,
-66.8301, 15.2966

152.8910,
-75.3753, 2.7266

240.9780,
-53.7262, 12.2973

128.3710,
-63.2869, -1.2024

244.3980,
-40.6222, 9.2980

104.4380,
-51.4879, -5.6461

247.7040,
-27.9551, 6.3986

81.0920, -39.9784,
-10.6047

251.1240,
-14.8511, 3.3993

58.6320, -28.9056,
-15.4633

254.5440, -1.7472,

35.5630, -17.5326,

0.3999

-23.2958

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 207.1660,
-85.8638, 6.8704

■ 207.1660,
-85.8638, 6.8704

■ 203.5330,
-95.9048, 7.4256

■ 210.7990,
-75.8229, 6.3153

■ 202.2080,
-99.6885, 7.7106

■ 214.0190,
-66.0714, 5.2453

■ 217.6520,
-56.0304, 4.6902

■ 220.9860,
-45.8421, 3.5203

■ 224.5050,
-36.2380, 3.0651

■ 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.



203.0490, -84.8202, 45.5610



207.1660, -85.8638, 6.8704



193.4740, -43.1247, -74.9607

Triad

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



207.1660, -85.8638, 6.8704



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.



207.1660, -85.8638, 6.8704



62.8340, 85.8638, -6.8704

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



207.1660, -85.8638, 6.8704



172.2980, 40.7721, -151.1053

Square

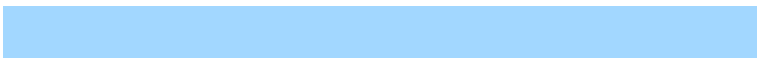
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



207.1660, -85.8638, 6.8704



178.7550, 37.5888, -156.7681



203.7130, 25.2845, -36.5823



180.6090, -3.2582, 65.2409

Rectangle

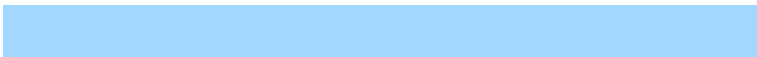
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



207.1660, -85.8638, 6.8704



168.0390, -3.4702, -147.3702



203.7130, 25.2845, -36.5823



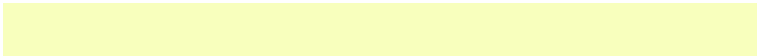
195.7130, 29.2285, 51.9947

Sweetspot

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



207.1660, -85.8638, 6.8704



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.



207.1660, -85.8638, 6.8704



217.8570, -107.4035, 8.8954



177.2660, -71.1231, -54.6073



115.4470, -4.6574, 0.4850



154.6850, -76.2597, 6.4153



46.0500, -22.7026, 1.7102

Inverse Universe

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



62.8340, 85.8638, -6.8704



37.1430, 107.4035, -8.8954



92.7340, 71.1231, 54.6073



107.5530, 4.6574, -0.4850



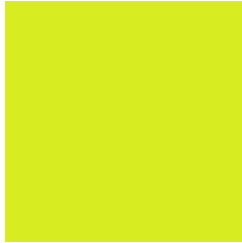
26.6140, 76.1123, -5.8005



7.9500, 22.7026, -1.7102

Previews

White Background



This preview shows how the YUV color 207.1660, -85.8638, 6.8704 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 207.1660, -85.8638, 6.8704 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 207.1660, -85.8638, 6.8704

Background



This preview shows how black text looks on a background with the YUV color 207.1660, -85.8638, 6.8704.



This preview shows how white text looks on a background with the YUV color 207.1660, -85.8638, 6.8704.

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

207.1660, -85.8638, 6.8704

Protanopia

211.0280, -89.7398, 36.8094

Deuteranopia

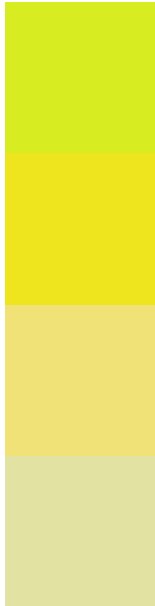
223.8360, -28.0201, 27.3308



Tritanopia

225.6400, 6.0935, 5.5777

Trichromacy



Original Color

207.1660, -85.8638, 6.8704

Protanomaly

209.3040, -88.3969, 26.0434

Deuteranomaly

217.8740, -49.2379, 19.4045

Tritanomaly

218.8180, -27.5183, 6.2986

Monochromacy



Original Color

207.1660, -85.8638, 6.8704

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 207.1660, -85.8638, 6.8704 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(215, 237, 33)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 237, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 237, 33) }
```

Border

The CSS property to change the border of an element to YUV 207.1660, -85.8638, 6.8704 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(215, 237, 33) }
```


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

```
.border{ border-color:rgb(215, 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(215, 237, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 237, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 237, 33);  
box-shadow:4px 4px 4px 4px rgb(215, 237,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 207.1660, -85.8638, 6.8704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 237, 33) }
```

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

```
.background{ background-color: rgb(215,  
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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