

Converting Colors

YUV(208.3150, -75.0913,
4.9857)

Have a look what the booklet for
YUV(208.3150, -75.0913, 4.9857)
contains.

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Color

**YUV(208.3150, -75.0913,
4.9857)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EB38
RGB	214, 235, 56
RGB Percent	84%, 92%, 22%
CMY	0.1608, 0.0784, 0.7804
CMYK	0.09, 0.00, 0.76, 0.08
HSL	67°, 82%, 57%
HSV	67°, 76%, 92%
XYZ	58.1537, 73.9983, 14.9595
YIQ	208.3150, 44.9430, -60.1210

Conversions

Conversions Part 2

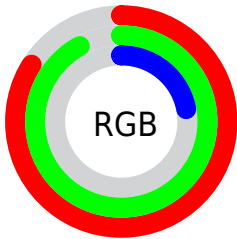
Format	Color
RYB	56, 235, 77
Decimal	14084920
CIELab	88.92, -27.78, 77.70
CIElCh	89, 82.514, 109.671
Yxy	73.9983, 0.3953, 0.5030
Android (android.graphics.Color)	4292275000 (0xFFD6EB38)
YUV	208.3150, -75.0913, 4.9857
Hunter-Lab	86.0223, -29.8675, 49.9049

Details

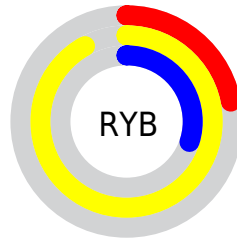
The YUV color **208.3150, -75.0913, 4.9857** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **82.6850, 75.0913, -4.9857**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.2680, -60.2781, 13.7970**, and **151.4180, -74.6491, 3.1414** is the 20% darker color. If you saturate the color by 10%, you get **204.7960, -84.6954, 5.4409**, and if you desaturate by 10%, it is **211.8340, -65.4872, 4.5306**.

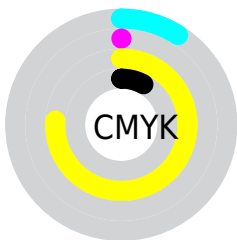
Distribution



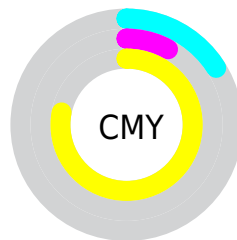
- Red (84%)
- Green (92%)
- Blue (22%)



- Red (22%)
- Yellow (92%)
- Blue (30%)



- Cyan (9%)
- Magenta (0%)
- Yellow (76%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.3150, -75.0913, 4.9857 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 208.3150, -75.0913, 4.9857 by changing the saturation by 10% instead.

■ 208.3150,
-75.0913, 4.9857

■ 208.3150,
-75.0913, 4.9857

■ 255.0000, 0.0000,
0.0000

■ 177.6650,
-82.6588, 5.5558

■ 239.2680,
-60.2781, 13.7970

■ 151.4180,
-74.6491, 3.1414

■ 242.5740,
-47.6110, 10.8976

■ 127.4850,
-62.8501, -1.3023

■ 245.8800,
-34.9438, 7.9982

■ 103.8510,
-51.1985, -5.1313

■ 249.1860,
-22.2767, 5.0989

■ 80.8040, -39.8364,
-9.4751

■ 252.4920, -9.6096,
2.1995

■ 58.3440, -28.7636,
-14.3337

■ 35.8730, -17.6854,

-20.9366

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 208.3150,
-75.0913, 4.9857

■ 208.3150,
-75.0913, 4.9857

■ 204.7960,
-84.6954, 5.4409

■ 211.8340,
-65.4872, 4.5306

■ 201.1630,
-94.7364, 5.9960

■ 215.4670,
-55.4462, 3.9754

■ 199.8380,
-98.5201, 6.2811

■ 218.6870,
-45.6947, 2.9055

■ 222.3200,
-35.6538, 2.3504

■ 225.9530,
-25.6128, 1.7952

■ 229.4720,
-16.0087, 1.3401

■ 232.8060, -5.8204,
0.1701

■ 236.3250, 3.7838,
-0.2850

■ 238.4760, 8.1463,
0.4595

Harmonies

Analogous

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



205.4430, -75.6474, 43.4615



208.3150, -75.0913, 4.9857



195.1310, -39.5046, -69.3979

Triad

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



208.3150, -75.0913, 4.9857



178.7550, 37.5888, -156.7681



194.4250, 29.3705, 53.1243

Complementary

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



208.3150, -75.0913, 4.9857



82.6850, 75.0913, -4.9857

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



208.3150, -75.0913, 4.9857



169.9500, 41.9297, -149.0461

Square

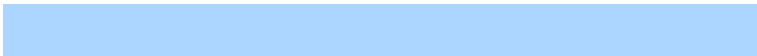
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208.3150, -75.0913, 4.9857



178.7550, 37.5888, -156.7681



206.1160, 24.0998, -29.9197



185.4190, -5.1366, 61.0225

Rectangle

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



208.3150, -75.0913, 4.9857



168.6090, -1.2862, -147.8701



206.1160, 24.0998, -29.9197



198.6480, 27.7815, 49.4207

Sweetspot

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



208.3150, -75.0913, 4.9857



246.1810, -24.7392, 1.5953



121.8480, -32.4631, 99.2343



122.4010, -14.9877, 0.5253



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.



208.3150, -75.0913, 4.9857



220.4790, -97.3571, 6.5959



181.7040, -61.9721, -49.7294



115.4470, -4.6574, 0.4850



154.0870, -75.9649, 5.1857



45.7510, -22.5552, 1.0954

Inverse Universe

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



82.6850, 75.0913, -4.9857



57.5210, 97.3571, -6.5959



109.2960, 61.9721, 49.7294



107.5530, 4.6574, -0.4850



26.9130, 75.9649, -5.1857



7.9500, 22.7026, -1.7102

Previews

White Background



This preview shows how the YUV color 208.3150, -75.0913, 4.9857 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 208.3150, -75.0913, 4.9857 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 208.3150, -75.0913, 4.9857

Background



This preview shows how black text looks on a background with the YUV color 208.3150, -75.0913, 4.9857.



This preview shows how white text looks on a background with the YUV color 208.3150, -75.0913,

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

208.3150, -75.0913, 4.9857

Protanopia

211.9920, -78.3831, 34.2100

Deuteranopia

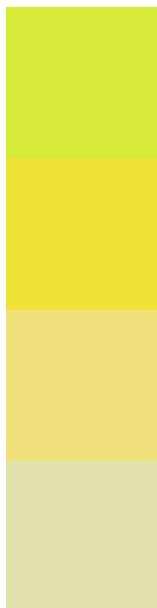
222.2060, -29.1886, 28.7603



Tritanopia

224.5260, 5.6567, 5.6777

Trichromacy



Original Color

208.3150, -75.0913, 4.9857

Protanomaly

210.5670, -77.1875, 24.0587

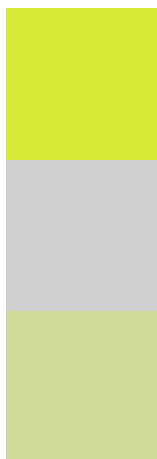
Deuteranomaly

217.3840, -46.0383, 19.8342

Tritanomaly

218.8440, -23.5871, 5.3988

Monochromacy



Original Color

208.3150, -75.0913, 4.9857

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

208.1980, -27.2126, 1.5804

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.3150, -75.0913, 4.9857 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, 235, 56)` looks like.

```
.text, #text, p{  
    color:rgb(214, 235, 56)  
}
```

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, 235, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 235, 56) }
```

Border

The CSS property to change the border of an element to YUV 208.3150, -75.0913, 4.9857 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, 235, 56) }
```


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

```
.border{ border-color:rgb(214, 235, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 235, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 235, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 235, 56);  
box-shadow:4px 4px 4px 4px rgb(214, 235,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 208.3150, -75.0913, 4.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 235, 56) }
```

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

```
.background{ background-color: rgb(214,  
235, 56) }
```

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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