

Converting Colors

YUV(206.8950, -88.1952,
7.9851)

Have a look what the booklet for
YUV(206.8950, -88.1952, 7.9851)
contains.

YUV(206.8950, -88.1952, 7.9851)	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(206.8950, -88.1952,
7.9851)**

Conversions

Conversions Part 1

Format	Color
Hex	D8ED1C
RGB	216, 237, 28
RGB Percent	85%, 93%, 11%
CMY	0.1529, 0.0706, 0.8902
CMYK	0.09, 0.00, 0.88, 0.07
HSL	66°, 85%, 52%
HSV	66°, 88%, 93%
XYZ	58.8127, 75.2511, 12.5238
YIQ	206.8950, 54.5730, -69.4510

Conversions

Conversions Part 2

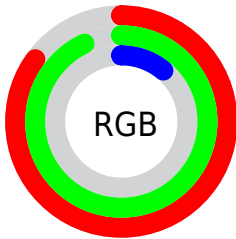
Format	Color
R _Y B	28, 237, 49
Decimal	14216476
CIE Lab	89.51, -28.72, 84.65
CIE LCh	90, 89.388, 108.739
Yxy	75.2511, 0.4012, 0.5134
Android (android.graphics.Color)	4292406556 (0xFFD8ED1C)
YUV	206.8950, -88.1952, 7.9851
Hunter-Lab	86.7474, -30.7892, 52.1635

Details

The YUV color **206.8950, -88.1952, 7.9851** 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 **58.1050, 88.1952, -7.9851**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3300, -67.7037, 15.4966**, and **152.8910, -75.3753, 2.7266** is the 20% darker color. If you saturate the color by 10%, you get **203.5610, -98.3836, 9.1550**, and if you desaturate by 10%, it is **210.2290, -78.0069, 6.8152**.

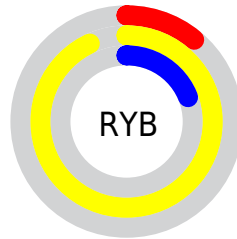
Distribution



Red (85%)

Green (93%)

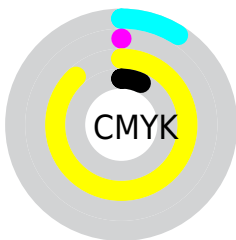
Blue (11%)



Red (11%)

Yellow (93%)

Blue (19%)

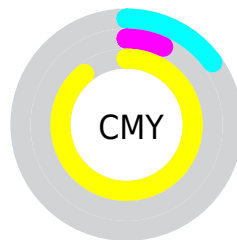


Cyan (9%)

Magenta (0%)

Yellow (88%)

Black (7%)



Cyan (15%)

Magenta (7%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.8950, -88.1952, 7.9851 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 206.8950, -88.1952, 7.9851 by changing the saturation by 10% instead.

■ 206.8950,
-88.1952, 7.9851

■ 206.8950,
-88.1952, 7.9851

■ 255.0000, 0.0000,
0.0000

■ 178.2970,
-87.9004, 6.7555

■ 237.3300,
-67.7037, 15.4966

■ 152.8910,
-75.3753, 2.7266

■ 240.7500,
-54.5998, 12.4972

■ 128.3710,
-63.2869, -1.2024

■ 244.0560,
-41.9326, 9.5979

■ 104.7370,
-51.6353, -5.0313

■ 247.4760,
-28.8287, 6.5985

■ 81.3910, -40.1258,
-9.9899

■ 250.8960,
-15.7247, 3.5992

■ 58.9310, -29.0530,
-14.8485

■ 254.3160, -2.6208,

■ 36.1610, -17.8274,

0.5999

-22.0662

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 206.8950,
-88.1952, 7.9851

■ 206.8950,
-88.1952, 7.9851

■ 203.5610,
-98.3836, 9.1550

■ 210.2290,
-78.0069, 6.8152

■ 202.8060,
-99.9834, 8.9401

■ 213.7480,
-68.4028, 6.3600

■ 217.0820,
-58.2144, 5.1901

■ 220.7150,
-48.1735, 4.6349

■ 224.0490,
-37.9852, 3.4650

■ 227.2690,
-28.2336, 2.3951

■ 230.9020,
-18.1927, 1.8399

■ 234.2360, -8.0043,
0.6700

■ 237.4560, 1.7472,
-0.3999

Harmonies

Analogous

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



202.1200, -85.8412, 46.3758



206.8950, -88.1952, 7.9851



193.5450, -44.1457, -74.1460

Triad

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



206.8950, -88.1952, 7.9851



178.7550, 37.5888, -156.7681



189.8430, 32.1224, 57.1427

Complementary

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



206.8950, -88.1952, 7.9851



58.1050, 88.1952, -7.9851

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.



209.8010, 22.2831, 39.6395



206.8950, -88.1952, 7.9851



172.2980, 40.7721, -151.1053

Square

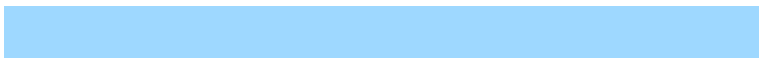
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.8950, -88.1952, 7.9851



178.7550, 37.5888, -156.7681



203.1040, 25.5847, -39.5562



180.1360, -2.5320, 65.6557

Rectangle

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



206.8950, -88.1952, 7.9851



167.8110, -4.3438, -147.1702



203.1040, 25.5847, -39.5562



195.1260, 29.5179, 52.5095

Sweetspot

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



206.8950, -88.1952, 7.9851



245.3830, -27.7968, 2.2951



102.8180, -36.8853, 117.6776



122.2440, -16.8823, 1.5400



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.



206.8950, -88.1952, 7.9851



218.1560, -107.5509, 9.5102



175.7990, -72.8649, -55.9517



115.4470, -4.6574, 0.4850



154.9840, -76.4071, 7.0300



46.0500, -22.7026, 1.7102

Inverse Universe

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



58.1050, 88.1952, -7.9851



36.8440, 107.5509, -9.5102



89.2010, 72.8649, 55.9517



107.5530, 4.6574, -0.4850



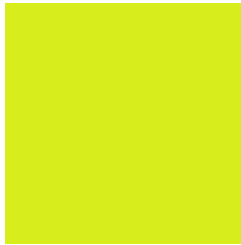
26.0160, 76.4071, -7.0300



7.6510, 22.8501, -2.3249

Previews

White Background



This preview shows how the YUV color 206.8950, -88.1952, 7.9851 looks on a white background.

Color Contrast Check

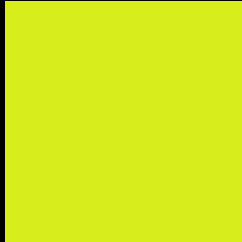
Large Text (above 18pt) WCAG AA × Fail

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 206.8950, -88.1952, 7.9851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

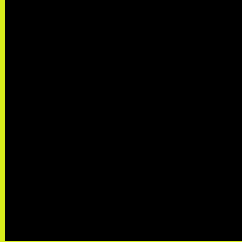
Any Text WCAG AA ✓ Pass

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 206.8950, -88.1952, 7.9851 Background



This preview shows how black text looks on a background with the YUV color 206.8950, -88.1952, 7.9851.



This preview shows how white text looks on a background with the YUV color 206.8950, -88.1952, 7.9851.

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

206.8950, -88.1952, 7.9851

Protanopia

210.4580, -91.9238, 37.3093

Deuteranopia

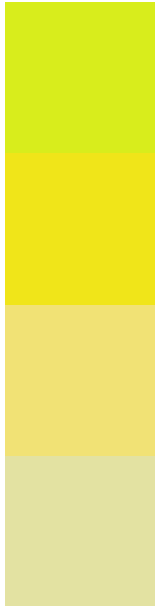
223.9500, -27.5833, 27.2309



Tritanopia

225.9390, 5.9461, 6.1925

Trichromacy



Original Color

206.8950, -88.1952, 7.9851

Protanomaly

209.0330, -90.7283, 27.1581

Deuteranomaly

218.0590, -49.8221, 20.1193

Tritanomaly

219.0030, -28.1025, 7.0134

Monochromacy



Original Color

206.8950, -88.1952, 7.9851

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.9440, -32.0174, 2.6801

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.8950, -88.1952, 7.9851 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(216, 237, 28)` looks like.

```
.text, #text, p{  
    color:rgb(216, 237, 28)  
}
```

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(216, 237, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 237, 28) }
```

Border

The CSS property to change the border of an element to YUV 206.8950, -88.1952, 7.9851 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(216, 237, 28) }
```


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

```
.border{ border-color:rgb(216, 237, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 237, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 237, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 237, 28);  
box-shadow:4px 4px 4px 4px rgb(216, 237,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 206.8950, -88.1952, 7.9851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 237, 28) }
```

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

```
.background{ background-color: rgb(216,  
237, 28) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor