

Converting Colors

YUV(201.9880, -89.2271,
12.2885)

Have a look what the booklet for
YUV(201.9880, -89.2271, 12.2885)
contains.

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Color

**YUV(201.9880, -89.2271,
12.2885)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E615
RGB	216, 230, 21
RGB Percent	85%, 90%, 8%
CMY	0.1529, 0.0980, 0.9176
CMYK	0.06, 0.00, 0.91, 0.10
HSL	64°, 83%, 49%
HSV	64°, 91%, 90%
XYZ	56.7511, 71.2467, 11.4704
YIQ	201.9880, 58.7450, -67.9670

Conversions

Conversions Part 2

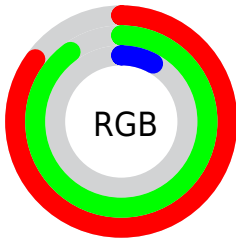
Format	Color
R _Y B	21, 230, 35
Decimal	14214677
CIE Lab	87.60, -25.54, 84.17
CIE LCh	88, 87.961, 106.879
Yxy	71.2467, 0.4069, 0.5108
Android (android.graphics.Color)	4292404757 (0xFFD8E615)
YUV	201.9880, -89.2271, 12.2885
Hunter-Lab	84.4078, -27.7001, 51.0284

Details

The YUV color **201.9880, -89.2271, 12.2885** 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 **49.0120, 89.2271, -12.2885**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8740, -69.4509, 15.8965**, and **149.3690, -73.6389, 5.8154** is the 20% darker color. If you saturate the color by 10%, you get **199.2950, -98.2524, 13.7733**, and if you desaturate by 10%, it is **205.2080, -79.4755, 11.2186**.

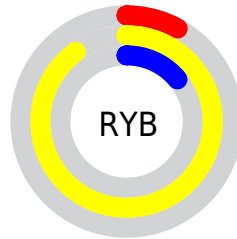
Distribution



Red (85%)

Green (90%)

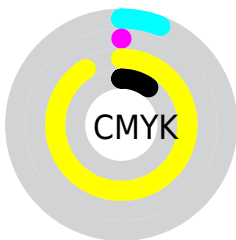
Blue (8%)



Red (8%)

Yellow (90%)

Blue (14%)

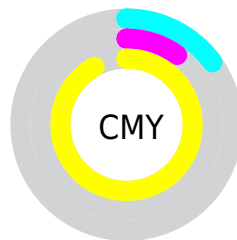


Cyan (6%)

Magenta (0%)

Yellow (91%)

Black (10%)



Cyan (15%)

Magenta (10%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.9880, -89.2271, 12.2885 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 201.9880, -89.2271, 12.2885 by changing the saturation by 10% instead.

■ 201.9880,
-89.2271, 12.2885

■ 201.9880,
-89.2271, 12.2885

■ 255.0000, 0.0000,
0.0000

■ 174.1880,
-85.8747, 10.3591

■ 236.8740,
-69.4509, 15.8965

■ 149.3690,
-73.6389, 5.8154

■ 240.2940,
-56.3469, 12.8972

■ 124.8490,
-61.5506, 1.8864

■ 243.6000,
-43.6798, 9.9978

■ 101.2150,
-49.8990, -1.9426

■ 247.0200,
-30.5759, 6.9985

■ 78.7550, -38.8262,
-6.8011

■ 250.3260,
-17.9087, 4.0991

■ 56.2950, -27.7534,
-11.6597

■ 253.7460, -4.8048,

■ 34.1230, -16.8226,

1.0998

-17.6479

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 201.9880,
-89.2271, 12.2885

■ 201.9880,
-89.2271, 12.2885

■ 199.2950,
-98.2524, 13.7733

■ 205.2080,
-79.4755, 11.2186

■ 208.1290,
-69.5766, 9.5339

■ 211.3490,
-59.8251, 8.4639

■ 214.2700,
-49.9261, 6.7792

■ 217.4900,
-40.1746, 5.7093

■ 220.4110,
-30.2756, 4.0246

■ 223.6310,
-20.5241, 2.9546

■ 226.5520,
-10.6251, 1.2699

■ 229.7720, -0.8736,
0.2000

Harmonies

Analogous

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



198.2390, -82.9418, 49.7794



201.9880, -89.2271, 12.2885



190.0190, -46.3514, -66.6687

Triad

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



201.9880, -89.2271, 12.2885



178.1680, 37.8782, -156.2533



188.6690, 32.7012, 58.1723

Complementary

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



201.9880, -89.2271, 12.2885



49.0120, 89.2271, -12.2885

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.



208.6270, 22.8619, 40.6691



201.9880, -89.2271, 12.2885



169.9500, 41.9297, -149.0461

Square

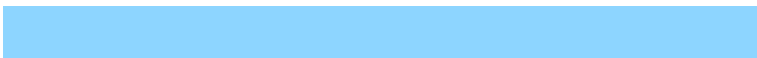
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



201.9880, -89.2271, 12.2885



178.7550, 37.5888, -156.7681



196.2600, 28.9588, -48.4630



177.3150, -0.6483, 68.1297

Rectangle

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



201.9880, -89.2271, 12.2885



166.1980, -7.9856, -145.7556



196.2600, 28.9588, -48.4630



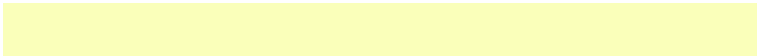
193.9520, 30.0967, 53.5391

Sweetspot

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



201.9880, -89.2271, 12.2885



245.6390, -29.4020, 3.8246



91.7090, -34.8595, 121.2812



122.4290, -17.4665, 2.2548



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.



201.9880, -89.2271, 12.2885



220.8470, -108.8776, 15.0432



170.8920, -73.8968, -51.6483



113.3330, -5.0942, 0.5850



155.0060, -76.4180, 10.5187



44.2890, -21.8345, 3.2545

Inverse Universe

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



49.0120, 89.2271, -12.2885



34.1530, 108.8776, -15.0432



80.1080, 73.8968, 51.6483



104.6670, 5.0942, -0.5850



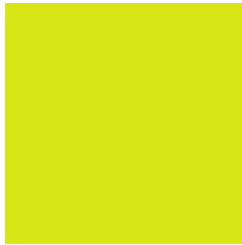
23.9940, 76.4180, -10.5187



6.7110, 21.8345, -3.2545

Previews

White Background



This preview shows how the YUV color 201.9880, -89.2271, 12.2885 looks on a white background.

Color Contrast Check

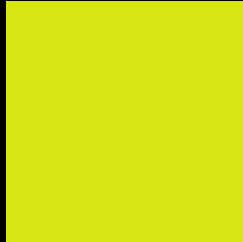
Large Text (above 18pt) WCAG AA × Fail

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 201.9880, -89.2271, 12.2885 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 201.9880, -89.2271, 12.2885

Background



This preview shows how black text looks on a background with the YUV color 201.9880, -89.2271, 12.2885.



This preview shows how white text looks on a background with the YUV color 201.9880, -89.2271,

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

201.9880, -89.2271, 12.2885

Protanopia

204.8170, -93.0868, 36.9945

Deuteranopia

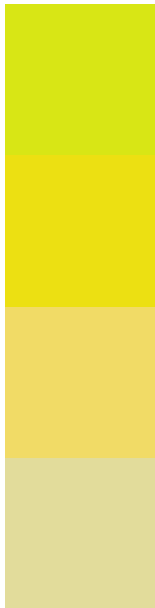
218.1480, -34.5830, 32.3192



Tritanopia

221.3200, 4.7722, 9.3664

Trichromacy



Original Color

201.9880, -89.2271, 12.2885

Protanomaly

204.1040, -91.7493, 27.9728

Deuteranomaly

212.2400, -54.3483, 25.2225

Tritanomaly

214.3840, -29.2763, 10.1872

Monochromacy



Original Color

201.9880, -89.2271, 12.2885

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.8410, -32.4596, 4.5244

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.9880, -89.2271, 12.2885 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, 230, 21)` looks like.

```
.text, #text, p{  
    color:rgb(216, 230, 21)  
}
```

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, 230, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 230, 21) }
```

Border

The CSS property to change the border of an element to YUV 201.9880, -89.2271, 12.2885 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, 230, 21) }
```


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

```
.border{ border-color:rgb(216, 230, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 230, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 230, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 230, 21);  
box-shadow:4px 4px 4px 4px rgb(216, 230,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 201.9880, -89.2271, 12.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 230, 21) }
```

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

```
.background{ background-color: rgb(216,  
230, 21) }
```

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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