

Converting Colors

YUV(199.9920, -81.8341,
21.0550)

Have a look what the booklet for
YUV(199.9920, -81.8341, 21.0550)
contains.

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Color

**YUV(199.9920, -81.8341,
21.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DC22
RGB	224, 220, 34
RGB Percent	88%, 86%, 13%
CMY	0.1216, 0.1373, 0.8667
CMYK	0.00, 0.02, 0.85, 0.12
HSL	59°, 75%, 51%
HSV	59°, 85%, 88%
XYZ	56.6224, 67.1492, 11.4901
YIQ	199.9920, 62.0900, -56.9980

Conversions

Conversions Part 2

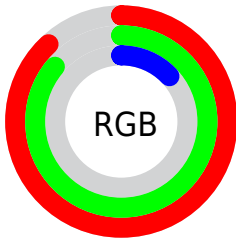
Format	Color
R _Y B	38, 224, 34
Decimal	14736418
CIE Lab	85.58, -17.13, 80.62
CIE LCh	86, 82.424, 101.994
Yxy	67.1492, 0.4186, 0.4964
Android (android.graphics.Color)	4292926498 (0xFFE0DC22)
YUV	199.9920, -81.8341, 21.0550
Hunter-Lab	81.9446, -20.0624, 49.0477

Details

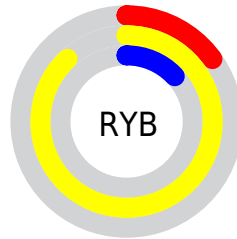
The YUV color **199.9920, -81.8341, 21.0550** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **58.0080, 81.8341, -21.0550**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.4440, -67.2669, 15.3966**, and **145.8910, -71.9243, 15.8816** is the 20% darker color. If you saturate the color by 10%, you get **197.4840, -91.4436, 23.2545**, and if you desaturate by 10%, it is **202.5000, -72.2245, 18.8555**.

Distribution



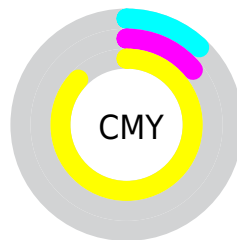
- Red (88%)
- Green (86%)
- Blue (13%)



- Red (15%)
- Yellow (88%)
- Blue (13%)



- Cyan (0%)
- Magenta (2%)
- Yellow (85%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.9920, -81.8341, 21.0550 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 199.9920, -81.8341, 21.0550 by changing the saturation by 10% instead.

■ 199.9920,
-81.8341, 21.0550

■ 199.9920,
-81.8341, 21.0550

■ 255.0000, 0.0000,
0.0000

■ 170.7100,
-84.1600, 20.4253

■ 237.4440,
-67.2669, 15.3966

■ 145.8910,
-71.9243, 15.8816

■ 240.7500,
-54.5998, 12.4972

■ 121.9580,
-60.1253, 11.4378

■ 244.0560,
-41.9326, 9.5979

■ 98.9110, -48.7631,
7.0941

■ 247.3620,
-29.2655, 6.6985

■ 76.4510, -37.6903,
2.2355

■ 250.6680,
-16.5983, 3.7992

■ 54.2900, -26.7650,
-2.0083

■ 254.0880, -3.4944,

■ 33.6020, -16.5658,

0.7998

-6.6670

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 199.9920,
-81.8341, 21.0550

■ 199.9920,
-81.8341, 21.0550

■ 197.4840,
-91.4436, 23.2545

■ 202.5000,
-72.2245, 18.8555

■ 195.5290,
-96.3958, 24.9691

■ 205.7090,
-62.4675, 16.0412

■ 208.2170,
-52.8580, 13.8417

■ 211.4260,
-43.1010, 11.0274

■ 213.9340,
-33.4915, 8.8279

■ 217.0290,
-24.1713, 6.1136

■ 219.6510,
-14.1249, 3.8141

■ 222.7460, -4.8048,
1.0998

■ 225.3680, 5.2416,
-1.1997

Harmonies

Analogous

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



195.5780, -70.2910, 52.1131



199.9920, -81.8341, 21.0550



190.8150, -50.1948, -47.1958

Triad

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



199.9920, -81.8341, 21.0550



174.6460, 39.6145, -153.1645



191.6040, 31.2542, 55.5983

Complementary

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



199.9920, -81.8341, 21.0550



58.0080, 81.8341, -21.0550

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



199.9920, -81.8341, 21.0550



167.6020, 43.0872, -146.9870

Square

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



199.9920, -81.8341, 21.0550



175.1530, 33.9416, -153.6092



186.1050, 33.9652, -67.6211



178.4550, 3.7197, 67.1300

Rectangle

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



199.9920, -81.8341, 21.0550



159.4330, -11.0595, -139.8227



186.1050, 33.9652, -67.6211



196.8870, 28.6497, 50.9651

Sweetspot

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



199.9920, -81.8341, 21.0550



247.1170, -27.6657, 6.9134



91.4940, -25.3865, 116.2078



122.9670, -16.7457, 4.4139



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.



199.9920, -81.8341, 21.0550



222.9950, -109.9365, 28.0684



175.7290, -69.8724, -35.7193



110.7460, -4.8048, 1.0998



153.5880, -75.7189, 19.6553



41.9410, -20.6769, 5.3137

Inverse Universe

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



58.0080, 81.8341, -21.0550



32.0050, 109.9365, -28.0684



82.2710, 69.8724, 35.7193



102.2540, 4.8048, -1.0998



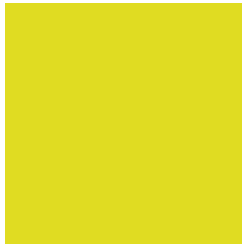
22.4120, 75.7189, -19.6553



6.0590, 20.6769, -5.3137

Previews

White Background



This preview shows how the YUV color 199.9920, -81.8341, 21.0550 looks on a white background.

Color Contrast Check

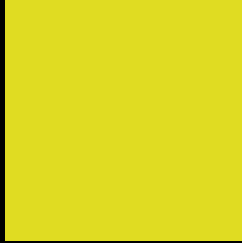
Large Text (above 18pt) WCAG AA × Fail

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 199.9920, -81.8341, 21.0550 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 199.9920, -81.8341, 21.0550 Background



This preview shows how black text looks on a background with the YUV color 199.9920, -81.8341, 21.0550.



This preview shows how white text looks on a background with the YUV color 199.9920, -81.8341, 21.0550.

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

199.9920, -81.8341, 21.0550

Protanopia

201.3250, -83.4772, 34.7950

Deuteranopia

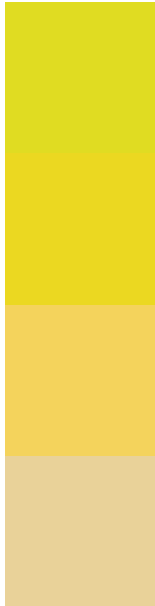
211.4170, -42.6036, 38.2223



Tritanopia

216.6910, 2.1243, 18.6880

Trichromacy



Original Color

199.9920, -81.8341, 21.0550

Protanomaly

200.8190, -82.7348, 29.9767

Deuteranomaly

207.3010, -56.8434, 32.1850

Tritanomaly

210.3790, -28.2878, 19.8386

Monochromacy



Original Color

199.9920, -81.8341, 21.0550

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9600, -29.5603, 7.9281

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9920, -81.8341, 21.0550 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(224, 220, 34)` looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 34)  
}
```

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(224, 220, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 34) }
```

Border

The CSS property to change the border of an element to YUV 199.9920, -81.8341, 21.0550 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(224, 220, 34) }
```


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

```
.border{ border-color:rgb(224, 220, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 34);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 199.9920, -81.8341, 21.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 34) }
```

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

```
.background{ background-color: rgb(224,  
220, 34) }
```

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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