

Converting Colors

YUV(194.0340, -95.6588,
21.8952)

Have a look what the booklet for
YUV(194.0340, -95.6588, 21.8952)
contains.

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Color

**YUV(194.0340, -95.6588,
21.8952)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DBDB00 |
| RGB | 219, 219, 0 |
| RGB Percent | 86%, 86%, 0% |
| CMY | 0.1412, 0.1412, 1.0000 |
| CMYK | 0.00, 0.00, 1.00, 0.14 |
| HSL | 60°, 100%, 43% |
| HSV | 60°, 100%, 86% |
| XYZ | 54.5449, 65.7231, 9.8110 |
| YIQ | 194.0340, 70.2990, -68.1090 |

Conversions

Conversions Part 2

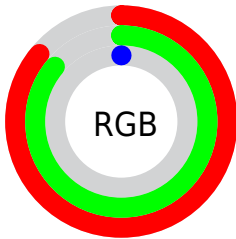
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 219, 0 |
| Decimal | 14408448 |
| CIELab | 84.85, -19.22, 84.22 |
| CIELCh | 85, 86.389, 102.852 |
| Yxy | 65.7231, 0.4193, 0.5053 |
| Android (android.graphics.Color) | 4292598528 (0xFFDBDB00) |
| YUV | 194.0340, -95.6588, 21.8952 |
| Hunter-Lab | 81.0698, -21.7747, 49.5736 |

Details

The YUV color **194.0340, -95.6588, 21.8952** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **24.9660, 95.6588, -21.8952**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9620, -72.9453, 16.6963**, and **143.8090, -70.8978, 13.3225** is the 20% darker color. If you saturate the color by 10%, you get **194.0340, -95.6588, 21.8952**, and if you desaturate by 10%, it is **196.5420, -86.0492, 19.6957**.

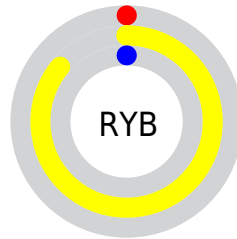
Distribution



Red (86%)

Green (86%)

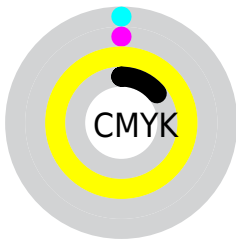
Blue (0%)



Red (0%)

Yellow (86%)

Blue (0%)

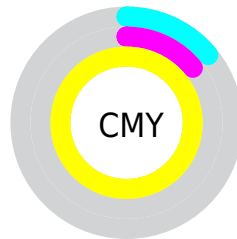


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (14%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.0340, -95.6588, 21.8952 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 194.0340, -95.6588, 21.8952 by changing the saturation by 10% instead.

194.0340,
-95.6588, 21.8952

194.0340,
-95.6588, 21.8952

255.0000, 0.0000,
0.0000

168.6280,
-83.1336, 17.8662

235.9620,
-72.9453, 16.6963

143.8090,
-70.8978, 13.3225

239.3820,
-59.8413, 13.6970

119.8760,
-59.0989, 8.8787

242.8020,
-46.7374, 10.6976

96.8290, -47.7367,
4.5350

246.1080,
-34.0702, 7.7983

74.3690, -36.6639,
-0.3236

249.5280,
-20.9663, 4.7989

52.2080, -25.7385,
-4.5674

252.9480, -7.8624,

31.5200, -15.5394,

1.7996

-9.2260

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 194.0340,
-95.6588, 21.8952

■ 196.5420,
-86.0492, 19.6957

■ 199.0500,
-76.4396, 17.4962

■ 201.5580,
-66.8301, 15.2966

■ 204.0660,
-57.2205, 13.0971

■ 206.5740,
-47.6110, 10.8976

■ 208.9680,
-38.4382, 8.7981

■ 211.4760,
-28.8287, 6.5985

■ 213.9840,
-19.2191, 4.3990

■ 216.4920, -9.6096,
2.1995

Harmonies

Analogous

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



192.3520, -77.5745, 54.9423



194.0340, -95.6588, 21.8952



186.0270, -51.7783, -52.6437

Triad

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



194.0340, -95.6588, 21.8952



174.0590, 39.9039, -152.6497



186.9080, 33.5694, 59.7167

Complementary

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



194.0340, -95.6588, 21.8952



24.9660, 95.6588, -21.8952

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.



207.4530, 23.4407, 41.6987



194.0340, -95.6588, 21.8952



166.4280, 43.6660, -145.9574

Square

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



194.0340, -95.6588, 21.8952



174.7940, 35.1046, -153.2943



181.6530, 36.1601, -71.6097



173.0750, 3.4140, 71.8482

Rectangle

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



194.0340, -95.6588, 21.8952



158.9770, -12.8067, -139.4228



181.6530, 36.1601, -71.6097



192.7780, 30.6754, 54.5687

Sweetspot

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



194.0340, -95.6588, 21.8952



246.3360, -33.1966, 7.5983



65.4810, -32.2821, 134.6362



122.7560, -20.0927, 4.5990



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.



194.0340, -95.6588, 21.8952



225.9300, -111.3835, 25.4944



161.4430, -79.5914, -45.1155



108.7460, -4.8048, 1.0998



153.2780, -75.5661, 17.2962



40.7560, -20.0927, 4.5990

Inverse Universe

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



24.9660, 95.6588, -21.8952



29.0700, 111.3835, -25.4944



57.8560, 79.4440, 45.7303



100.2540, 4.8048, -1.0998



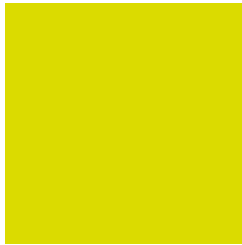
19.7220, 75.5661, -17.2962



5.2440, 20.0927, -4.5990

Previews

White Background



This preview shows how the YUV color 194.0340, -95.6588, 21.8952 looks on a white background.

Color Contrast Check

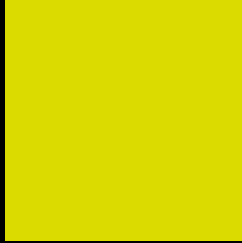
Large Text (above 18pt) WCAG AA × Fail

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 194.0340, -95.6588, 21.8952 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 194.0340, -95.6588, 21.8952

Background



This preview shows how black text looks on a background with the YUV color 194.0340, -95.6588, 21.8952.



This preview shows how white text looks on a background with the YUV color 194.0340, -95.6588, 21.8952.

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



Protanopia

195.9050, -96.5812, 37.7943

Deuteranopia

208.9890, -46.8296, 40.3516

Tritanopia

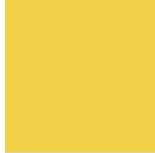
214.3810, 2.2772, 16.3289

Trichromacy



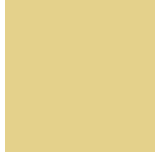
Protanomaly

195.5730, -96.4175, 31.9465



Deuteranomaly

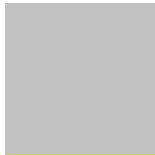
203.3630, -64.2690, 33.8846



Tritanomaly

206.7010, -33.3766, 18.6792

Monochromacy



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.8800, -34.9438, 7.9982

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.0340, -95.6588, 21.8952 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(219, 219, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 219, 0)  
}
```

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(219, 219, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 219, 0) }
```

Border

The CSS property to change the border of an element to YUV 194.0340, -95.6588, 21.8952 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(219, 219, 0) }
```

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

```
.border{ border-color:rgb(219, 219, 0) }
```

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

Here you see how a box with a 4 pixel rgb(219, 219, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 219, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 219, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 219,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 194.0340, -95.6588, 21.8952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 219, 0) }
```

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

```
.background{ background-color: rgb(219,  
219, 0) }
```

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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