

Converting Colors

YUV(193.4030, -95.3477,
15.4326)

Have a look what the booklet for
YUV(193.4030, -95.3477, 15.4326)
contains.

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Color

**YUV(193.4030, -95.3477,
15.4326)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DE00
RGB	211, 222, 0
RGB Percent	83%, 87%, 0%
CMY	0.1725, 0.1294, 1.0000
CMYK	0.05, 0.00, 1.00, 0.13
HSL	63°, 100%, 44%
HSV	63°, 100%, 87%
XYZ	52.9852, 66.0914, 9.9643
YIQ	193.4030, 64.7060, -71.3740

Conversions

Conversions Part 2

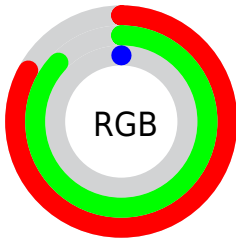
Format	Color
RYB	0, 222, 11
Decimal	13884928
CIELab	85.04, -24.02, 84.08
CIELCh	85, 87.449, 105.946
Yxy	66.0914, 0.4106, 0.5122
Android (android.graphics.Color)	4292075008 (0xFFD3DE00)
YUV	193.4030, -95.3477, 15.4326
Hunter-Lab	81.2966, -25.9314, 49.6406

Details

The YUV color **193.4030, -95.3477, 15.4326** 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 **28.5970, 95.3477, -15.4326**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0760, -72.5085, 16.5963**, and **143.4770, -70.7342, 7.4747** is the 20% darker color. If you saturate the color by 10%, you get **193.4030, -95.3477, 15.4326**, and if you desaturate by 10%, it is **196.2100, -85.8855, 13.8478**.

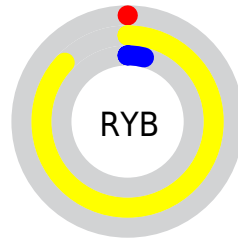
Distribution



Red (83%)

Green (87%)

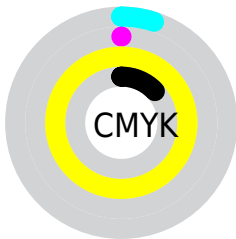
Blue (0%)



Red (0%)

Yellow (87%)

Blue (4%)

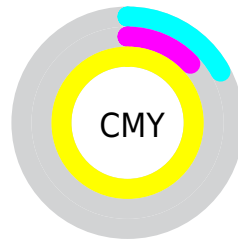


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (17%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4030, -95.3477, 15.4326 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 193.4030, -95.3477, 15.4326 by changing the saturation by 10% instead.

■ 193.4030,
-95.3477, 15.4326

■ 193.4030,
-95.3477, 15.4326

■ 255.0000, 0.0000,
0.0000

■ 167.9970,
-82.8225, 11.4036

■ 236.0760,
-72.5085, 16.5963

■ 143.4770,
-70.7342, 7.4747

■ 239.4960,
-59.4045, 13.5970

■ 119.5440,
-58.9352, 3.0309

■ 242.8020,
-46.7374, 10.6976

■ 95.6110, -47.1362,
-1.4128

■ 246.2220,
-33.6334, 7.6983

■ 73.1510, -36.0634,
-6.2714

■ 249.5280,
-20.9663, 4.7989

■ 50.9900, -25.1381,
-10.5152

■ 252.9480, -7.8624,

■ 29.4050, -14.4967,

1.7996

-17.0182

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 193.4030,
-95.3477, 15.4326

■ 196.2100,
-85.8855, 13.8478

■ 199.0170,
-76.4234, 12.2631

■ 201.9380,
-66.5244, 10.5784

■ 204.7450,
-57.0623, 8.9936

■ 207.8510,
-47.7475, 8.0237

■ 210.6580,
-38.2854, 6.4389

■ 213.4650,
-28.8232, 4.8542

■ 216.3860,
-18.9243, 3.1695

■ 219.1930, -9.4621,
1.5847

Harmonies

Analogous

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



192.6310, -84.1211, 54.6976



193.4030, -95.3477, 15.4326



183.8130, -47.2358, -62.9800

Triad

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



193.4030, -95.3477, 15.4326



174.0590, 39.9039, -152.6497



184.5600, 34.7269, 61.7759

Complementary

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



193.4030, -95.3477, 15.4326



28.5970, 95.3477, -15.4326

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.



205.1050, 24.5982, 43.7579



193.4030, -95.3477, 15.4326



165.8410, 43.9554, -145.4426

Square

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



193.4030, -95.3477, 15.4326



176.4070, 38.7463, -154.7089



187.9540, 33.0537, -55.2107



172.7500, -0.3698, 72.1333

Rectangle

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



193.4030, -95.3477, 15.4326



160.4760, -9.6017, -140.7375



187.9540, 33.0537, -55.2107



190.4300, 31.8330, 56.6279

Sweetspot

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



193.4030, -95.3477, 15.4326



245.1400, -32.6070, 5.1392



70.4870, -34.7501, 132.8769



121.8590, -19.6505, 2.7547



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.



193.4030, -95.3477, 15.4326



222.0430, -109.4672, 17.5023



161.4100, -79.5751, -50.3486



110.7460, -4.8048, 1.0998



153.2450, -75.5498, 12.0631



41.9300, -20.6715, 3.5694

Inverse Universe

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



28.5970, 95.3477, -15.4326



32.9570, 109.4672, -17.5023



60.5900, 79.5751, 50.3486



102.5530, 4.6574, -0.4850



22.7550, 75.5498, -12.0631



6.0700, 20.6715, -3.5694

Previews

White Background



This preview shows how the YUV color 193.4030, -95.3477, 15.4326 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 193.4030, -95.3477, 15.4326 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 193.4030, -95.3477, 15.4326 Background



This preview shows how black text looks on a background with the YUV color 193.4030, -95.3477, 15.4326.



This preview shows how white text looks on a background with the YUV color 193.4030, -95.3477, 15.4326.

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

196.4920, -96.8706, 37.2795

Deuteranopia

209.2170, -45.9560, 40.1517

Tritanopia

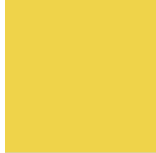
213.9180, 4.4774, 10.5959

Trichromacy



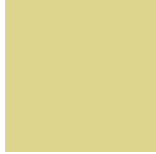
Protanomaly

195.2630, -96.2647, 29.5873



Deuteranomaly

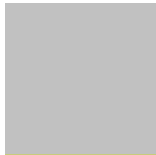
203.7540, -63.9687, 30.9107



Tritanomaly

206.7110, -31.9025, 12.5315

Monochromacy



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.5700, -34.7910, 5.6391

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4030, -95.3477, 15.4326 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(211, 222, 0)` looks like.

```
.text, #text, p{  
    color:rgb(211, 222, 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(211, 222, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 222, 0) }
```

Border

The CSS property to change the border of an element to YUV 193.4030, -95.3477, 15.4326 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(211, 222, 0) }
```

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

```
.border{ border-color:rgb(211, 222, 0) }
```

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

Here you see how a box with a 4 pixel rgb(211, 222, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 222, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 222, 0);  
box-shadow:4px 4px 4px 4px rgb(211, 222,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 193.4030, -95.3477, 15.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 222, 0) }
```

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

```
.background{ background-color: rgb(211,  
222, 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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