

Converting Colors

YUV(195.2300, -96.2484,
24.3543)

Have a look what the booklet for
YUV(195.2300, -96.2484, 24.3543)
contains.

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Color

**YUV(195.2300, -96.2484,
24.3543)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDB00
RGB	223, 219, 0
RGB Percent	87%, 86%, 0%
CMY	0.1255, 0.1412, 1.0000
CMYK	0.00, 0.02, 1.00, 0.13
HSL	59°, 100%, 44%
HSV	59°, 100%, 87%
XYZ	55.7629, 66.3510, 9.8680
YIQ	195.2300, 72.6830, -67.2610

Conversions

Conversions Part 2

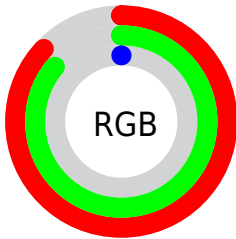
Format	Color
R _Y B	4, 223, 0
Decimal	14670592
CIE Lab	85.18, -17.53, 84.60
CIE LCh	85, 86.399, 101.703
Yxy	66.3510, 0.4225, 0.5027
Android (android.graphics.Color)	4292860672 (0xFFDFDB00)
YUV	195.2300, -96.2484, 24.3543
Hunter-Lab	81.4561, -20.3513, 49.8366

Details

The YUV color **195.2300, -96.2484, 24.3543** 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 **27.7700, 96.2484, -24.3543**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9620, -72.9453, 16.6963**, and **145.0050, -71.4875, 15.7816** is the 20% darker color. If you saturate the color by 10%, you get **195.2300, -96.2484, 24.3543**, and if you desaturate by 10%, it is **197.7380, -86.6388, 22.1548**.

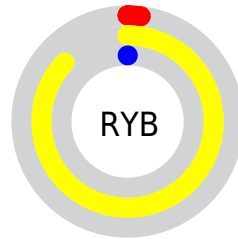
Distribution



Red (87%)

Green (86%)

Blue (0%)



Red (2%)

Yellow (87%)

Blue (0%)

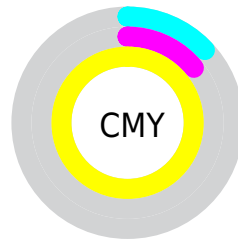


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (14%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.2300, -96.2484, 24.3543 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 195.2300, -96.2484, 24.3543 by changing the saturation by 10% instead.


 195.2300,
-96.2484, 24.3543


 195.2300,
-96.2484, 24.3543


255.0000, 0.0000,
0.0000


 169.8240,
-83.7232, 20.3254


 235.9620,
-72.9453, 16.6963


 145.0050,
-71.4875, 15.7816


 239.3820,
-59.8413, 13.6970

 121.0720,
-59.6885, 11.3379


 242.8020,
-46.7374, 10.6976

 97.7260, -48.1789,
6.3793

 246.1080,
-34.0702, 7.7983

 75.2660, -37.1061,
1.5207

 249.5280,
-20.9663, 4.7989

 53.6920, -26.4702,
-3.2379

 252.9480, -7.8624,

 32.7160, -16.1290,

1.7996

-6.7669

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 195.2300,
-96.2484, 24.3543

■ 197.7380,
-86.6388, 22.1548

■ 200.9470,
-76.8819, 19.3405

■ 203.4550,
-67.2723, 17.1410

■ 206.5500,
-57.9522, 14.4266

■ 209.1720,
-47.9058, 12.1272

■ 211.6800,
-38.2962, 9.9276

■ 214.7750,
-28.9761, 7.2133

■ 217.2830,
-19.3665, 5.0138

■ 220.4920, -9.6096,
2.1995

Harmonies

Analogous

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



192.2210, -75.5380, 55.0572



195.2300, -96.2484, 24.3543



187.8810, -53.6783, -49.8846

Triad

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



195.2300, -96.2484, 24.3543



174.6460, 39.6145, -153.1645



188.0820, 32.9906, 58.6871

Complementary

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



195.2300, -96.2484, 24.3543



27.7700, 96.2484, -24.3543

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



195.2300, -96.2484, 24.3543



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.



195.2300, -96.2484, 24.3543



175.1530, 33.9416, -153.6092



180.1250, 36.9134, -79.9166



174.1180, 4.8718, 70.9335

Rectangle

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



195.2300, -96.2484, 24.3543



158.7490, -13.6803, -139.2229



180.1250, 36.9134, -79.9166



193.9520, 30.0967, 53.5391

Sweetspot

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



195.2300, -96.2484, 24.3543



245.7490, -32.9073, 8.1131



67.4750, -29.8142, 136.3954



122.1690, -19.8033, 5.1138



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.



195.2300, -96.2484, 24.3543



222.9950, -109.9365, 28.0684



166.4820, -82.0756, -41.6417



110.7460, -4.8048, 1.0998



154.1750, -76.0083, 19.1405



42.5280, -20.9663, 4.7989

Inverse Universe

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



27.7700, 96.2484, -24.3543



32.0050, 109.9365, -28.0684



56.5180, 82.0756, 41.6417



102.2540, 4.8048, -1.0998



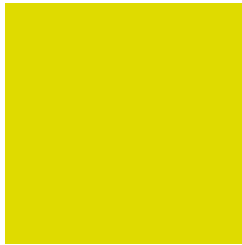
21.8250, 76.0083, -19.1405



6.0590, 20.6769, -5.3137

Previews

White Background



This preview shows how the YUV color 195.2300, -96.2484, 24.3543 looks on a white background.

Color Contrast Check

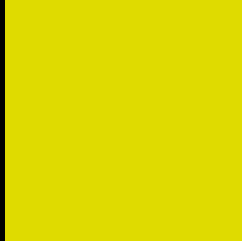
Large Text (above 18pt) WCAG AA × Fail

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 195.2300, -96.2484, 24.3543 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 195.2300, -96.2484, 24.3543 Background



This preview shows how black text looks on a background with the YUV color 195.2300, -96.2484, 24.3543.



This preview shows how white text looks on a background with the YUV color 195.2300, -96.2484,

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

196.7910, -97.0180, 37.8943

Deuteranopia

210.1460, -44.9350, 39.3370

Tritanopia

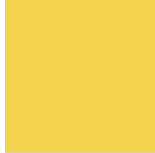
215.5770, 1.6875, 18.7880

Trichromacy



Protanomaly

196.1710, -96.7123, 33.1760



Deuteranomaly

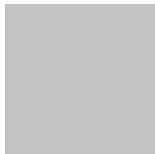
204.5910, -63.3954, 33.6847



Tritanomaly

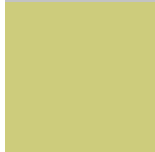
207.8970, -33.9662, 21.1383

Monochromacy



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.1790, -35.0912, 8.6130

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.2300, -96.2484, 24.3543 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(223, 219, 0)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 219, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 219, 0) }
```

Border

The CSS property to change the border of an element to YUV 195.2300, -96.2484, 24.3543 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(223, 219, 0) }
```

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

```
.border{ border-color:rgb(223, 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(223, 219, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 219, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 219, 0);  
box-shadow:4px 4px 4px 4px rgb(223, 219,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 195.2300, -96.2484, 24.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 219, 0) }
```

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

```
.background{ background-color: rgb(223,  
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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