

Converting Colors

YUV(194.4310, -77.6135,
20.6700)

Have a look what the booklet for
YUV(194.4310, -77.6135, 20.6700)
contains.

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Color

**YUV(194.4310, -77.6135,
20.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD525
RGB	218, 213, 37
RGB Percent	85%, 84%, 15%
CMY	0.1451, 0.1647, 0.8549
CMYK	0.00, 0.02, 0.83, 0.15
HSL	58°, 71%, 50%
HSV	58°, 83%, 85%
XYZ	53.0416, 62.6275, 11.0430
YIQ	194.4310, 59.4760, -53.6760

Conversions

Conversions Part 2

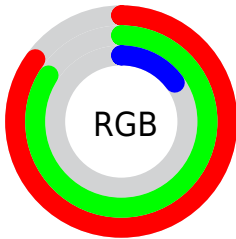
Format	Color
R_{YB}	42, 218, 37
Decimal	14341413
CIE _{Lab}	83.25, -16.13, 77.84
CIE _{LCh}	83, 79.499, 101.709
Yxy	62.6275, 0.4186, 0.4943
Android (android.graphics.Color)	4292531493 (0xFFDAD525)
YUV	194.4310, -77.6135, 20.6700
Hunter-Lab	79.1375, -18.8518, 47.1228

Details

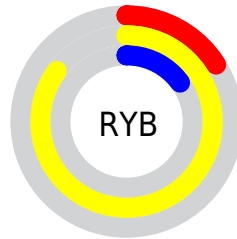
The YUV color **194.4310, -77.6135, 20.6700** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **60.5690, 77.6135, -20.6700**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.4440, -67.2669, 15.3966**, and **140.8740, -69.4509, 15.8965** is the 20% darker color. If you saturate the color by 10%, you get **191.3360, -86.9336, 23.3843**, and if you desaturate by 10%, it is **197.5260, -68.2933, 17.9557**.

Distribution



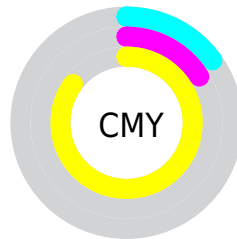
- Red (85%)
- Green (84%)
- Blue (15%)



- Red (16%)
- Yellow (85%)
- Blue (15%)



- Cyan (0%)
- Magenta (2%)
- Yellow (83%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.4310, -77.6135, 20.6700 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 194.4310, -77.6135, 20.6700 by changing the saturation by 10% instead.

■ 194.4310,
-77.6135, 20.6700

■ 194.4310,
-77.6135, 20.6700

■ 255.0000, 0.0000,
0.0000

■ 164.8070,
-81.2499, 20.3403

■ 237.4440,
-67.2669, 15.3966

■ 140.8740,
-69.4509, 15.8965

■ 240.7500,
-54.5998, 12.4972

■ 116.9410,
-57.6519, 11.4527

■ 244.0560,
-41.9326, 9.5979

■ 93.8940, -46.2897,
7.1090

■ 247.3620,
-29.2655, 6.6985

■ 71.4340, -35.2170,
2.2504

■ 250.6680,
-16.5983, 3.7992

■ 49.8600, -24.5810,
-2.5082

■ 254.0880, -3.4944,

■ 29.4710, -14.5292,

0.7998

-6.5521

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 194.4310,
-77.6135, 20.6700

■ 194.4310,
-77.6135, 20.6700

■ 191.3360,
-86.9336, 23.3843

■ 197.5260,
-68.2933, 17.9557

■ 189.6260,
-93.4856, 24.8840

■ 200.0340,
-58.6838, 15.7562

■ 203.0150,
-49.8004, 13.1418

■ 205.5230,
-40.1908, 10.9423

■ 208.6180,
-30.8707, 8.2280

■ 211.7130,
-21.5505, 5.5137

■ 214.2210,
-11.9410, 3.3142

■ 217.2020, -3.0576,
0.6998

■ 219.7100, 6.5520,
-1.4997

Harmonies

Analogous

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



192.1700, -68.1178, 55.1019



194.4310, -77.6135, 20.6700



185.2930, -48.4584, -44.1070

Triad

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



194.4310, -77.6135, 20.6700



169.9500, 41.9297, -149.0461



189.8430, 32.1224, 57.1427

Complementary

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



194.4310, -77.6135, 20.6700



60.5690, 77.6135, -20.6700

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.



205.6590, 24.3251, 38.0101



194.4310, -77.6135, 20.6700



162.9060, 45.4023, -142.8686

Square

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



194.4310, -77.6135, 20.6700



169.5450, 32.7623, -148.6910



181.9850, 35.9964, -65.7618



176.1240, 2.4039, 69.1743

Rectangle

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



194.4310, -77.6135, 20.6700



158.7660, -12.7026, -126.0828



181.9850, 35.9964, -65.7618



195.1260, 29.5179, 52.5095

Sweetspot

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



194.4310, -77.6135, 20.6700



246.5300, -27.3763, 7.4282



91.8030, -24.0599, 110.6748



122.3800, -16.4563, 4.9287



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.



194.4310, -77.6135, 20.6700



221.8210, -109.3578, 29.0980



172.2500, -66.6782, -33.5452



108.1590, -4.5154, 1.6146



150.9300, -74.4085, 19.3554



40.1690, -19.8033, 5.1138

Inverse Universe

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



60.5690, 77.6135, -20.6700



33.1790, 109.3578, -29.0980



82.7500, 66.6783, 33.5453



100.2540, 4.8048, -1.0998



22.6570, 74.1191, -19.8702



5.8310, 19.8033, -5.1138

Previews

White Background



This preview shows how the YUV color 194.4310, -77.6135, 20.6700 looks on a white background.

Color Contrast Check

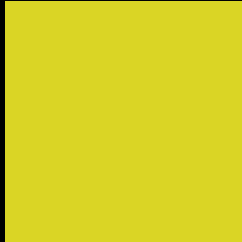
Large Text (above 18pt) WCAG AA × Fail

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 194.4310, -77.6135, 20.6700 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 194.4310, -77.6135, 20.6700

Background



This preview shows how black text looks on a background with the YUV color 194.4310, -77.6135, 20.6700.



This preview shows how white text looks on a background with the YUV color 194.4310, -77.6135, 20.6700.

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

194.4310, -77.6135, 20.6700

Protanopia

195.8670, -78.8144, 32.5656

Deuteranopia

202.6170, -56.0132, 45.9399



Tritanopia

209.6910, 2.1243, 18.6880

Trichromacy



Original Color

194.4310, -77.6135, 20.6700

Protanomaly

195.5460, -78.6562, 28.4622

Deuteranomaly

199.4990, -63.8430, 37.2734

Tritanomaly

203.8350, -26.5407, 19.4387

Monochromacy



Original Color

194.4310, -77.6135, 20.6700

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.3020, -28.2499, 7.6281

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.4310, -77.6135, 20.6700 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(218, 213, 37)` looks like.

```
.text, #text, p{  
    color:rgb(218, 213, 37)  
}
```

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(218, 213, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 213, 37) }
```

Border

The CSS property to change the border of an element to YUV 194.4310, -77.6135, 20.6700 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(218, 213, 37) }
```


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

```
.border{ border-color:rgb(218, 213, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 213, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 213, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 213, 37);  
box-shadow:4px 4px 4px 4px rgb(218, 213,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 194.4310, -77.6135, 20.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 213, 37) }
```

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

```
.background{ background-color: rgb(218,  
213, 37) }
```

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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