

Converting Colors

YUV(193.4820, -11.0836,
8.3473)

Have a look what the booklet for
YUV(193.4820, -11.0836, 8.3473)
contains.

YUV(193.4820, -11.0836, 8.3473)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(193.4820, -11.0836,
8.3473)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC1AB
RGB	203, 193, 171
RGB Percent	80%, 76%, 67%
CMY	0.2039, 0.2431, 0.3294
CMYK	0.00, 0.05, 0.16, 0.20
HSL	41°, 24%, 73%
HSV	41°, 16%, 80%
XYZ	51.0493, 53.7767, 46.2174
YIQ	193.4820, 13.0220, -4.7220

Conversions

Conversions Part 2

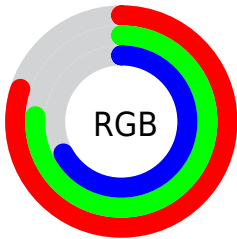
Format	Color
R_{YB}	186, 203, 171
Decimal	13353387
CIE Lab	78.33, -0.17, 12.33
CIE LCh	78, 12.335, 90.787
Yxy	53.7767, 0.3380, 0.3560
Android (android.graphics.Color)	4291543467 (0xFFCBC1AB)
YUV	193.4820, -11.0836, 8.3473
Hunter-Lab	73.3326, -4.0723, 13.9657

Details

The YUV color **193.4820, -11.0836, 8.3473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **180.5180, 11.0836, -8.3473**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.1720, -10.9308, 5.9882**, and **140.2970, -10.4994, 7.6325** is the 20% darker color. If you saturate the color by 10%, you get **187.6800, -18.0832, 13.4356**, and if you desaturate by 10%, it is **199.2840, -4.0840, 3.2589**.

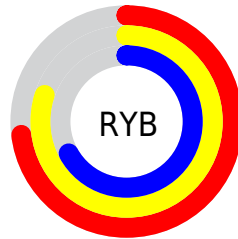
Distribution



Red (80%)

Green (76%)

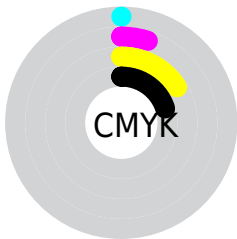
Blue (67%)



Red (73%)

Yellow (80%)

Blue (67%)

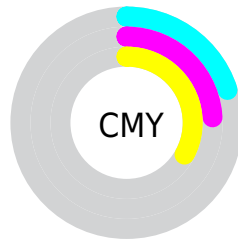


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4820, -11.0836, 8.3473 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 193.4820, -11.0836, 8.3473 by changing the saturation by 10% instead.

■ 193.4820,
-11.0836, 8.3473

■ 193.4820,
-11.0836, 8.3473

255.0000, 0.0000,
0.0000

■ 166.1830,
-10.9362, 7.7325

■ 248.1720,
-10.9308, 5.9882

■ 140.2970,
-10.4994, 7.6325

■ 114.4110,
-10.0626, 7.5326

■ 90.1120, -9.9152,
6.9178

■ 66.3400, -9.0416,
6.7178

■ 44.1550, -8.4574,
6.0031

■ 23.3570, -11.5150,

6.7029

■ 0.0000, 0.0000,
0.0000

■ 193.4820,
-11.0836, 8.3473

■ 193.4820,
-11.0836, 8.3473

■ 187.6800,
-18.0832, 13.4356

■ 199.2840, -4.0840,
3.2589

■ 181.1770,
-25.2303, 19.1388

■ 205.7870, 3.0630,
-2.4442

■ 175.3750,
-32.2299, 24.2271

■ 211.5890, 10.0626,
-7.5326

■ 169.5730,
-39.2295, 29.3155

■ 217.3910, 17.0622,
-12.6209

■ 163.1840,
-45.9397, 34.9186

■ 221.8420, 16.3469,
-16.5244

■ 157.2680,
-53.3761, 40.1070

■ 225.3640, 14.6105,
-19.6132

■ 151.4660,
-60.3757, 45.1953

■ 228.8860, 12.8742,
-22.7020

■ 145.0770,
-67.0860, 50.7985

■ 232.9950, 10.8485,
-26.3056

■ 142.8770,
-70.4384, 52.7279

■ 236.5170, 9.1121,
-29.3944

Harmonies

Analogous

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



194.4660, -10.0897, 16.2543



193.4820, -11.0836, 8.3473



192.2850, -9.0145, -2.0039

Triad

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



193.4820, -11.0836, 8.3473



190.1050, 7.3432, -22.0171



196.2170, 4.3300, 11.2107

Complementary

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



193.4820, -11.0836, 8.3473



180.5180, 11.0836, -8.3473

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.



195.3020, 8.7251, 1.4891



193.4820, -11.0836, 8.3473



191.3380, 10.6794, -18.7134

Square

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



193.4820, -11.0836, 8.3473



190.3350, 1.8068, -19.5878



193.5070, 11.0890, -10.0916



196.1810, -1.0752, 18.2583

Rectangle

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



193.4820, -11.0836, 8.3473



191.3380, -6.0826, -9.0664



193.5070, 11.0890, -10.0916



195.3630, 6.2300, 8.4516

Sweetspot

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



193.4820, -11.0836, 8.3473



251.1700, -4.5208, 3.3589



181.7080, -0.3490, 18.6731



125.3270, -2.6262, 2.3442



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.



193.4820, -11.0836, 8.3473



240.7230, -16.6254, 12.5209



197.5580, -13.0931, -0.4894



99.0990, -3.4998, 2.5442



116.5520, -57.4601, 43.3659



26.6240, -13.1256, 9.9768

Inverse Universe

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



180.5180, 11.0836, -8.3473



221.2770, 16.6254, -12.5209



176.4420, 13.0931, 0.4894



94.9010, 3.4998, -2.5442



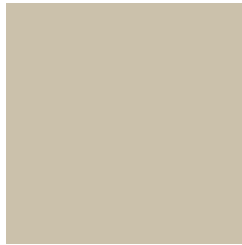
49.4480, 57.4601, -43.3659



11.3760, 13.1256, -9.9768

Previews

White Background



This preview shows how the YUV color 193.4820, -11.0836, 8.3473 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 193.4820, -11.0836, 8.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

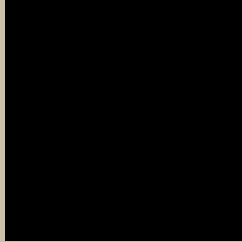
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

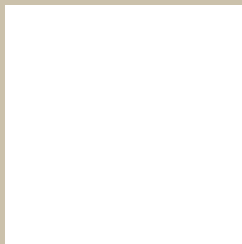
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.4820, -11.0836, 8.3473

Background



This preview shows how black text looks on a background with the YUV color 193.4820, -11.0836, 8.3473.



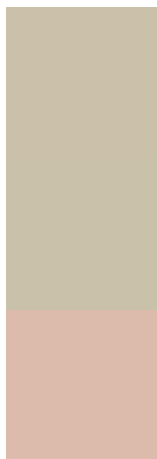
This preview shows how white text looks on a background with the YUV color 193.4820, -11.0836, 8.3473.

8.3473.

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

193.4820, -11.0836, 8.3473

Protanopia

193.1830, -10.9362, 7.7325

Deuteranopia

195.1570, -11.4164, 21.7873



Tritanopia

195.3910, 3.7512, 10.1811

Trichromacy



Original Color

193.4820, -11.0836, 8.3473

Protanomaly

193.1830, -10.9362, 7.7325

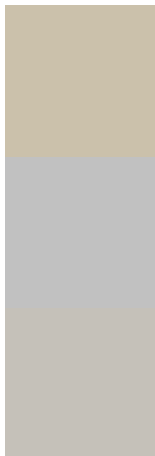
Deuteranomaly

194.5370, -11.1107, 17.0691

Tritanomaly

194.8980, -1.9217, 9.7365

Monochromacy



Original Color

193.4820, -11.0836, 8.3473

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.2840, -4.0840, 3.2589

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4820, -11.0836, 8.3473 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(203, 193, 171)` looks like.

```
.text, #text, p{  
    color:rgb(203, 193, 171)  
}
```

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(203, 193, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 193, 171) }
```

Border

The CSS property to change the border of an element to YUV 193.4820, -11.0836, 8.3473 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(203, 193, 171) }
```


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

```
.border{ border-color:rgb(203, 193, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 193, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 193, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 193, 171);  
box-shadow:4px 4px 4px 4px rgb(203, 193,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 193.4820, -11.0836, 8.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 193, 171) }
```

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

```
.background{ background-color: rgb(203,  
193, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor