

Converting Colors

YUV(193.7260, -11.2039,
0.2403)

Have a look what the booklet for
YUV(193.7260, -11.2039, 0.2403)
contains.

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Color

**YUV(193.7260, -11.2039,
0.2403)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C6AB
RGB	194, 198, 171
RGB Percent	76%, 78%, 67%
CMY	0.2392, 0.2235, 0.3294
CMYK	0.02, 0.00, 0.14, 0.22
HSL	69°, 19%, 72%
HSV	69°, 14%, 78%
XYZ	49.7929, 54.7978, 46.4807
YIQ	193.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

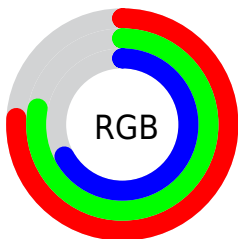
Format	Color
RYB	171, 198, 175
Decimal	12764843
CIELab	78.92, -6.09, 13.07
CIELCh	79, 14.420, 114.976
Yxy	54.7978, 0.3296, 0.3627
Android (android.graphics.Color)	4290954923 (0xFFC2C6AB)
YUV	193.7260, -11.2039, 0.2403
Hunter-Lab	74.0255, -9.4775, 14.5896

Details

The YUV color $193.7260, -11.2039, 0.2403$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $175.2740, 11.2039, -0.2403$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.4980, -12.0775, 0.4403$, and $139.9540, -10.3303, 0.0403$ is the 20% darker color. If you saturate the color by 10%, you get $190.5490, -19.4977, 0.3955$, and if you desaturate by 10%, it is $196.9030, -2.9102, 0.0851$.

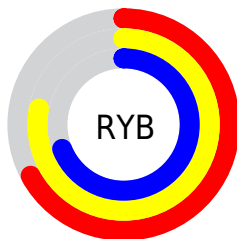
Distribution



Red (76%)

Green (78%)

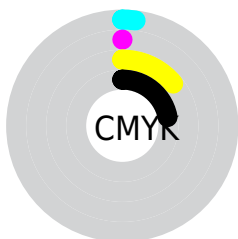
Blue (67%)



Red (67%)

Yellow (78%)

Blue (69%)

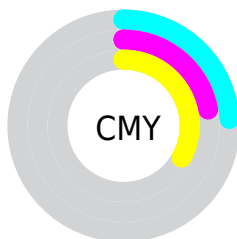


Cyan (2%)

Magenta (0%)

Yellow (14%)

Black (22%)



Cyan (24%)

Magenta (22%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.7260, -11.2039, 0.2403 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 193.7260, -11.2039, 0.2403 by changing the saturation by 10% instead.

■ 193.7260,
-11.2039, 0.2403

■ 193.7260,
-11.2039, 0.2403

255.0000, 0.0000,
0.0000

■ 166.7260,
-11.2039, 0.2403

■ 250.4980,
-12.0775, 0.4403

■ 139.9540,
-10.3303, 0.0403

■ 114.9540,
-10.3303, 0.0403

■ 90.0680, -9.8935,
-0.0596

■ 66.2960, -9.0199,
-0.2596

■ 44.4100, -8.5831,
-0.3596

■ 23.3240, -11.4987,

1.4699

■ 0.0000, 0.0000,
0.0000

■ 193.7260,
-11.2039, 0.2403

■ 193.7260,
-11.2039, 0.2403

■ 190.5490,
-19.4977, 0.3955

■ 196.9030, -2.9102,
0.0851

■ 187.3720,
-27.7914, 0.5508

■ 200.0800, 5.3836,
-0.0702

■ 184.3090,
-35.6483, 0.6060

■ 203.1430, 13.2405,
-0.1254

■ 181.1320,
-43.9421, 0.7612

■ 206.3200, 21.5342,
-0.2806

■ 177.9550,
-52.2358, 0.9165

■ 207.7870, 23.2760,
1.0638

■ 174.7780,
-60.5296, 1.0717

■ 208.6840, 22.8338,
2.9081

■ 171.6010,
-68.8233, 1.2269

■ 209.5810, 22.3916,
4.7525

■ 168.8370,
-76.8276, 1.8970

■ 210.1790, 22.0968,
5.9820

■ 166.7570,
-82.2112, 1.9671

■ 211.0760, 21.6545,
7.8263

Harmonies

Analogous

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



195.6350, -13.1311, 11.7211



193.7260, -11.2039, 0.2403



192.0280, -5.9298, -11.4256

Triad

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



193.7260, -11.2039, 0.2403



192.0600, 12.2954, -23.7316



197.8330, 0.0823, 20.3175

Complementary

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



193.7260, -11.2039, 0.2403



175.2740, 11.2039, -0.2403

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.



198.0860, 6.3666, 11.3256



193.7260, -11.2039, 0.2403



194.1690, 13.7207, -14.1802

Square

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



193.7260, -11.2039, 0.2403



190.7840, 7.5015, -26.1206



196.6760, 11.4987, -1.4699



197.8350, -6.3277, 22.9467

Rectangle

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



193.7260, -11.2039, 0.2403



191.4230, -1.6875, -18.7880



196.6760, 11.4987, -1.4699



198.3920, 2.2717, 18.0732

Sweetspot

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



193.7260, -11.2039, 0.2403



253.2620, -4.0732, -0.2298



181.4210, -5.1376, 14.5398



126.9030, -2.9102, 0.0851



0.0000, 0.0000, 0.0000



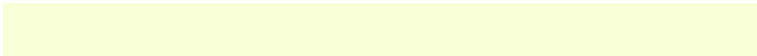
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



193.7260, -11.2039, 0.2403



248.5320, -17.0243, 0.4104



189.8390, -9.2876, -7.7518



97.6750, -3.7838, 0.2850



137.2420, -67.6603, 1.5418



30.1020, -14.8403, -0.0895

Inverse Universe

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



175.2740, 11.2039, -0.2403



220.4680, 17.0243, -0.4104



179.1610, 9.2876, 7.7518



91.3250, 3.7838, -0.2850



25.7580, 67.6603, -1.5418



5.5990, 14.9877, -0.5253

Previews

White Background



This preview shows how the YUV color 193.7260, -11.2039, 0.2403 looks on a white background.

Color Contrast Check

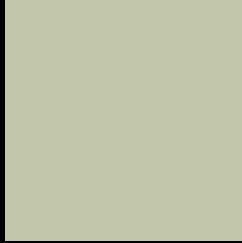
Large Text (above 18pt) WCAG AA × Fail

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 193.7260, -11.2039, 0.2403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

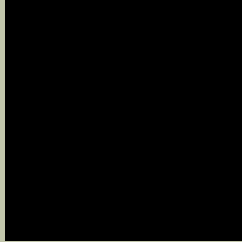
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

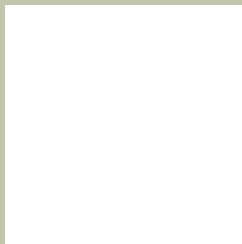
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.7260, -11.2039, 0.2403

Background



This preview shows how black text looks on a background with the YUV color 193.7260, -11.2039, 0.2403.



This preview shows how white text looks on a background with the YUV color 193.7260, -11.2039, 0.2403.

0.2403.

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

193.7260, -11.2039, 0.2403

Protanopia

195.0260, -12.8308, 8.7472

Deuteranopia

196.4560, -11.5638, 22.4021



Tritanopia

196.5040, 5.6675, 2.1890

Trichromacy



Original Color

193.7260, -11.2039, 0.2403

Protanomaly

194.5310, -12.0938, 5.6733

Deuteranomaly

195.7000, -11.6841, 14.2951

Tritanomaly

195.5980, -0.2948, 1.2296

Monochromacy



Original Color

193.7260, -11.2039, 0.2403

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.6750, -3.7838, 0.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.7260, -11.2039, 0.2403 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(194, 198, 171)` looks like.

```
.text, #text, p{  
    color:rgb(194, 198, 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(194, 198, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 198, 171) }
```

Border

The CSS property to change the border of an element to YUV 193.7260, -11.2039, 0.2403 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(194, 198, 171) }
```


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

```
.border{ border-color:rgb(194, 198, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 198, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 198, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 198, 171);  
box-shadow:4px 4px 4px 4px rgb(194, 198,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 193.7260, -11.2039, 0.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 198, 171) }
```

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

```
.background{ background-color: rgb(194,  
198, 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](#).

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