

Converting Colors

YUV(195.6120, -11.6407,
0.3403)

Have a look what the booklet for
YUV(195.6120, -11.6407, 0.3403)
contains.

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Color

**YUV(195.6120, -11.6407,
0.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C8AC
RGB	196, 200, 172
RGB Percent	77%, 78%, 67%
CMY	0.2314, 0.2157, 0.3255
CMYK	0.02, 0.00, 0.14, 0.22
HSL	69°, 20%, 73%
HSV	69°, 14%, 78%
XYZ	50.8656, 56.0229, 47.1623
YIQ	195.6120, 6.6040, -9.5560

Conversions

Conversions Part 2

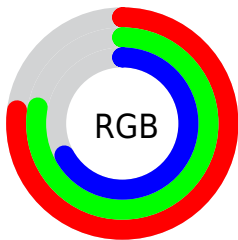
Format	Color
RYB	172, 200, 176
Decimal	12896428
CIELab	79.63, -6.24, 13.55
CIELCh	80, 14.918, 114.732
Yxy	56.0229, 0.3302, 0.3637
Android (android.graphics.Color)	4291086508 (0xFFC4C8AC)
YUV	195.6120, -11.6407, 0.3403
Hunter-Lab	74.8484, -9.6794, 15.0350

Details

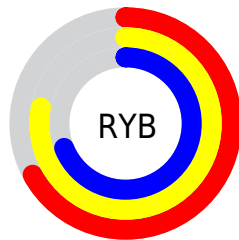
The YUV color $195.6120, -11.6407, 0.3403$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $176.3880, 11.6407, -0.3403$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.2100, -11.9355, 1.5698$, and $141.8400, -10.7671, 0.1403$ is the 20% darker color. If you saturate the color by 10%, you get $192.4350, -19.9345, 0.4955$, and if you desaturate by 10%, it is $198.7890, -3.3470, 0.1850$.

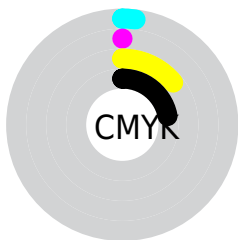
Distribution



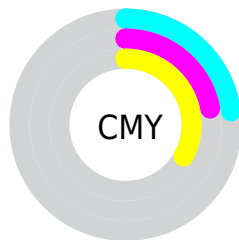
- Red (77%)
- Green (78%)
- Blue (67%)



- Red (67%)
- Yellow (78%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.6120, -11.6407, 0.3403 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 195.6120, -11.6407, 0.3403 by changing the saturation by 10% instead.

■ 195.6120,
-11.6407, 0.3403

■ 195.6120,
-11.6407, 0.3403

255.0000, 0.0000,
0.0000

■ 168.6120,
-11.6407, 0.3403

■ 251.2100,
-11.9355, 1.5698

■ 141.8400,
-10.7671, 0.1403

■ 115.9540,
-10.3303, 0.0403

■ 91.9540, -10.3303,
0.0403

■ 68.1820, -9.4567,
-0.1596

■ 46.1820, -9.4567,
-0.1596

■ 25.0250, -11.3513,

0.8551

0.0000, 0.0000,
0.0000

195.6120,
-11.6407, 0.3403

195.6120,
-11.6407, 0.3403

192.4350,
-19.9345, 0.4955

198.7890, -3.3470,
0.1850

189.2580,
-28.2282, 0.6507

201.9660, 4.9468,
0.0298

186.0810,
-36.5219, 0.8060

205.1430, 13.2405,
-0.1254

183.2030,
-44.9631, 1.5760

208.0210, 21.6816,
-0.8954

180.0260,
-53.2568, 1.7312

209.2600, 22.5498,
0.6490

■ 176.8490,
-61.5506, 1.8864

■ 210.1570, 22.1076,
2.4933

■ 173.6720,
-69.8443, 2.0417

■ 211.0540, 21.6654,
4.3376

■ 170.4950,
-78.1380, 2.1969

■ 211.9510, 21.2232,
6.1820

■ 168.5290,
-83.0848, 2.1671

■ 212.8480, 20.7809,
8.0263

Harmonies

Analogous

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



197.5210, -13.5679, 11.8211



195.6120, -11.6407, 0.3403



194.2020, -6.5086, -12.4552

Triad

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



195.6120, -11.6407, 0.3403



193.7610, 12.4428, -24.3464



200.1320, -0.0651, 20.9322

Complementary

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



195.6120, -11.6407, 0.3403



176.3880, 11.6407, -0.3403

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.



199.6130, 7.0928, 11.7404



195.6120, -11.6407, 0.3403



195.9840, 14.3049, -14.8950

Square

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



195.6120, -11.6407, 0.3403



192.4850, 7.6489, -26.7353



198.6760, 11.4987, -1.4699



199.4330, -6.6225, 24.1763

Rectangle

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



195.6120, -11.6407, 0.3403



193.1240, -1.5401, -19.4027



198.6760, 11.4987, -1.4699



200.3920, 2.2717, 18.0732

Sweetspot

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



195.6120, -11.6407, 0.3403



253.5610, -4.2206, 0.3850



182.7200, -5.2850, 15.1546



126.9030, -2.9102, 0.0851



0.0000, 0.0000, 0.0000



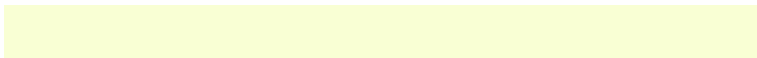
128.0000, 0.0000, 0.0000

Same Dimension

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



195.6120, -11.6407, 0.3403



248.3040, -17.8979, 0.6104



191.4260, -9.5770, -8.2666



97.6750, -3.7838, 0.2850



137.5410, -67.8077, 2.1565



30.4010, -14.9877, 0.5253

Inverse Universe

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



176.3880, 11.6407, -0.3403



218.6960, 17.8979, -0.6104



180.5740, 9.5770, 8.2666



91.3250, 3.7838, -0.2850



25.4590, 67.8077, -2.1565



5.5990, 14.9877, -0.5253

Previews

White Background



This preview shows how the YUV color 195.6120, -11.6407, 0.3403 looks on a white background.

Color Contrast Check

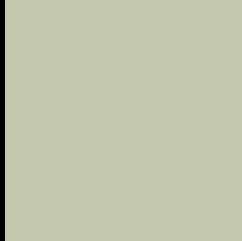
Large Text (above 18pt) WCAG AA × Fail

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 195.6120, -11.6407, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

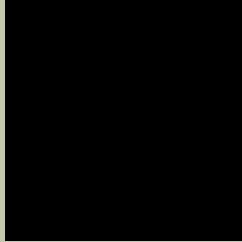
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

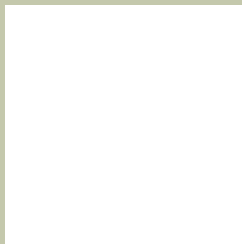
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 195.6120, -11.6407, 0.3403

Background



This preview shows how black text looks on a background with the YUV color 195.6120, -11.6407, 0.3403.



This preview shows how white text looks on a background with the YUV color 195.6120, -11.6407,

0.3403.

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

195.6120, -11.6407, 0.3403

Protanopia

196.9120, -13.2676, 8.8472

Deuteranopia

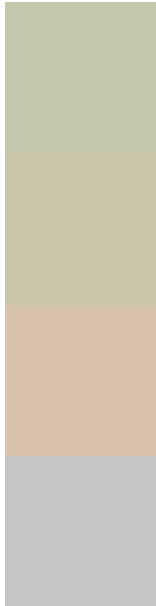
198.6410, -12.1480, 23.1168



Tritanopia

198.5040, 5.6675, 2.1890

Trichromacy



Original Color

195.6120, -11.6407, 0.3403

Protanomaly

196.4170, -12.5306, 5.7733

Deuteranomaly

197.5860, -12.1209, 14.3951

Tritanomaly

197.4840, -0.7316, 1.3295

Monochromacy



Original Color

195.6120, -11.6407, 0.3403

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.5610, -4.2206, 0.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.6120, -11.6407, 0.3403 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(196, 200, 172)` looks like.

```
.text, #text, p{  
    color:rgb(196, 200, 172)  
}
```

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(196, 200, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 200, 172) }
```

Border

The CSS property to change the border of an element to YUV 195.6120, -11.6407, 0.3403 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(196, 200, 172) }
```


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

```
.border{ border-color:rgb(196, 200, 172) }
```

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

Here you see how a box with a 4 pixel rgb(196, 200, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 200, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 200, 172);  
box-shadow:4px 4px 4px 4px rgb(196, 200,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 195.6120, -11.6407, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 200, 172) }
```

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

```
.background{ background-color: rgb(196,  
200, 172) }
```

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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