

Converting Colors

YUV(196.1110, -8.4357, -0.9743)

Have a look what the booklet for
YUV(196.1110, -8.4357, -0.9743)
contains.

YUV(196.1110, -8.4357, -0.9743)	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(196.1110, -8.4357,
-0.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C8B3
RGB	195, 200, 179
RGB Percent	76%, 78%, 70%
CMY	0.2353, 0.2157, 0.2980
CMYK	0.03, 0.00, 0.11, 0.22
HSL	74°, 16%, 74%
HSV	74°, 11%, 78%
XYZ	51.2966, 56.1653, 50.7852
YIQ	196.1110, 3.7610, -7.5910

Conversions

Conversions Part 2

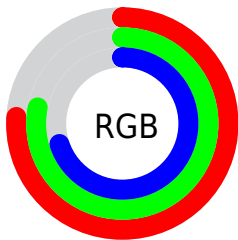
Format	Color
R_{YB}	179, 200, 184
Decimal	12830899
CIE _{Lab}	79.71, -5.45, 9.91
CIE _{LCh}	80, 11.308, 118.796
Yxy	56.1653, 0.3242, 0.3549
Android (android.graphics.Color)	4291020979 (0xFFC3C8B3)
YUV	196.1110, -8.4357, -0.9743
Hunter-Lab	74.9435, -8.9732, 12.2828

Details

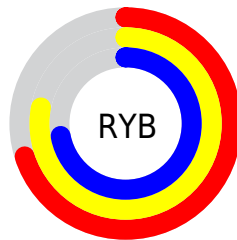
The YUV color $196.1110, -8.4357, -0.9743$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $182.8890, 8.4357, 0.9743$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.8230, -8.2937, 0.1552$, and $142.2250, -7.9989, -1.0743$ is the 20% darker color. If you saturate the color by 10%, you get $192.3360, -16.4346, -2.0487$, and if you desaturate by 10%, it is $199.8860, -0.4368, 0.1000$.

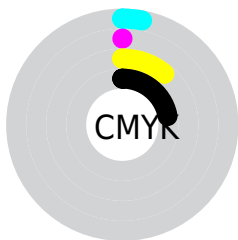
Distribution



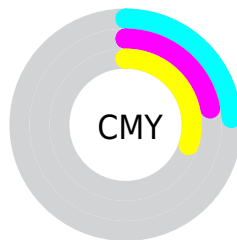
- Red (76%)
- Green (78%)
- Blue (70%)



- Red (70%)
- Yellow (78%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)





- Cyan (24%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 196.1110, -8.4357, -0.9743 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 196.1110, -8.4357, -0.9743 by changing the saturation by 10% instead.

 196.1110, -8.4357,
-0.9743


 196.1110, -8.4357,
-0.9743


255.0000, 0.0000,
0.0000


 169.1110, -8.4357,
-0.9743


 251.8230, -8.2937,
0.1552

 142.2250, -7.9989,
-1.0743

 116.6380, -7.7095,
-0.5595

 92.3390, -7.5621,
-1.1743

 68.8660, -6.8359,
-0.7595

 46.5670, -6.6885,
-1.3743

 25.7520, -7.2727,

-0.6595

■ 0.0000, 0.0000,
0.0000

■ 196.1110, -8.4357,
-0.9743

■ 196.1110, -8.4357,
-0.9743

■ 192.3360,
-16.4346, -2.0487

■ 199.8860, -0.4368,
0.1000

■ 188.5610,
-24.4336, -3.1230

■ 203.6610, 7.5621,
1.1743

■ 185.0850,
-32.5799, -3.5825

■ 207.1370, 15.7085,
1.6339

■ 181.3100,
-40.5788, -4.6569

■ 210.4560, 21.9602,
3.1081

■ 177.5350,
-48.5778, -5.7312

■ 211.9510, 21.2232,
6.1820

■ 173.7600,
-56.5767, -6.8055

■ 213.4460, 20.4861,
9.2559

■ 170.2840,
-64.7230, -7.2651

■ 214.6420, 19.8965,
11.7150

■ 166.5090,
-72.7219, -8.3394

■ 216.1370, 19.1595,
14.7889

■ 162.8480,
-80.2841, -9.5137

■ 217.6320, 18.4224,
17.8627

Harmonies

Analogous

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



197.7100, -10.2100, 8.1473



196.1110, -8.4357, -0.9743



195.0820, -4.4774, -10.5959

Triad

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



196.1110, -8.4357, -0.9743



195.7080, 9.5110, -17.2839



200.1700, -1.0698, 16.5139

Complementary

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



196.1110, -8.4357, -0.9743



182.8890, 8.4357, 0.9743

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.



199.6190, 4.6248, 9.9811



196.1110, -8.4357, -0.9743



197.2790, 10.2155, -9.8917

Square

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



196.1110, -8.4357, -0.9743



194.4750, 6.1748, -20.5876



198.5900, 8.5831, 0.3596



199.3290, -5.5852, 18.1285

Rectangle

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



196.1110, -8.4357, -0.9743



194.6730, -0.8248, -15.4992



198.5900, 8.5831, 0.3596



200.0280, 0.9722, 14.8844

Sweetspot

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



196.1110, -8.4357, -0.9743



253.4900, -3.1996, -0.4297



188.2140, -4.5425, 10.3363



126.7180, -2.3260, -0.6297



0.0000, 0.0000, 0.0000



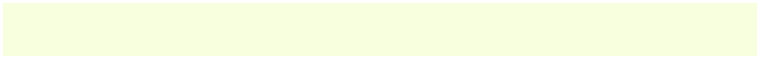
128.0000, 0.0000, 0.0000

Same Dimension

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



196.1110, -8.4357, -0.9743



248.8460, -13.2351, -1.6189



193.1210, -6.9617, -7.1221



97.3760, -3.6364, -0.3298



132.7570, -65.4492, -7.6799



29.2050, -14.3981, -1.9338

Inverse Universe

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



182.8890, 8.4357, 0.9743



228.1540, 13.2351, 1.6189



185.8790, 6.9617, 7.1221



91.6240, 3.6364, 0.3298



30.2430, 65.4492, 7.6799



6.7950, 14.3981, 1.9338

Previews

White Background



This preview shows how the YUV color 196.1110, -8.4357, -0.9743 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 196.1110, -8.4357, -0.9743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

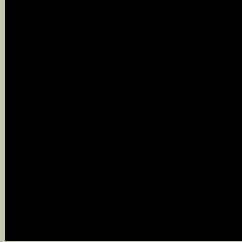
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

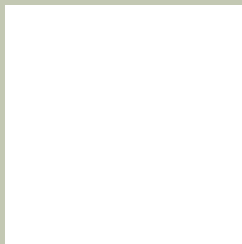
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.1110, -8.4357, -0.9743

Background



This preview shows how black text looks on a background with the YUV color 196.1110, -8.4357, -0.9743.



This preview shows how white text looks on a background with the YUV color 196.1110, -8.4357, -0.9743.

-0.9743.

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

196.1110, -8.4357, -0.9743

Protanopia

197.4110, -10.0626, 7.5326

Deuteranopia

198.8410, -8.7956, 21.1874



Tritanopia

198.3190, 6.2517, 1.4742

Trichromacy



Original Color

196.1110, -8.4357, -0.9743

Protanomaly

196.9160, -9.3256, 4.4587

Deuteranomaly

198.0850, -8.9159, 13.0805

Tritanomaly

197.5270, 0.7262, 0.4148

Monochromacy



Original Color

196.1110, -8.4357, -0.9743

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9030, -2.9102, 0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.1110, -8.4357, -0.9743 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(195, 200, 179)` looks like.

```
.text, #text, p{  
    color:rgb(195, 200, 179)  
}
```

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(195, 200, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 200, 179) }
```

Border

The CSS property to change the border of an element to YUV 196.1110, -8.4357, -0.9743 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(195, 200, 179) }
```


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

```
.border{ border-color:rgb(195, 200, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 200, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 200, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 200, 179); box-shadow:4px 4px 4px 4px rgb(195, 200, 179) }
```

Background

The CSS property to change the background color of an element to YUV 196.1110, -8.4357, -0.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 200, 179) }
```

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

```
.background{ background-color: rgb(195,  
200, 179) }
```

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