

Converting Colors

YUV(193.3030, 0.3436,
-16.9287)

Have a look what the booklet for
YUV(193.3030, 0.3436, -16.9287)
contains.

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Color

**YUV(193.3030, 0.3436,
-16.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	AECBC2
RGB	174, 203, 194
RGB Percent	68%, 80%, 76%
CMY	0.3176, 0.2039, 0.2392
CMYK	0.14, 0.00, 0.04, 0.20
HSL	161°, 22%, 74%
HSV	161°, 14%, 80%
XYZ	48.5491, 55.6056, 59.2131
YIQ	193.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

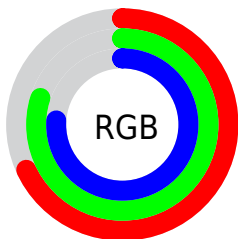
Format	Color
RYB	174, 191, 203
Decimal	11455426
CIELab	79.39, -11.47, 1.21
CIELCh	79, 11.538, 173.955
Yxy	55.6056, 0.2972, 0.3404
Android (android.graphics.Color)	4289645506 (0xFFAECBC2)
YUV	193.3030, 0.3436, -16.9287
Hunter-Lab	74.5692, -14.2815, 5.1180

Details

The YUV color $193.3030, 0.3436, -16.9287$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $183.6970, -0.3436, 16.9287$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9550, 1.5012, -14.8695$, and $139.6020, 0.1962, -16.3140$ is the 20% darker color. If you saturate the color by 10%, you get $186.6390, 0.6710, -28.6244$, and if you desaturate by 10%, it is $199.9670, 0.0163, -5.2331$.

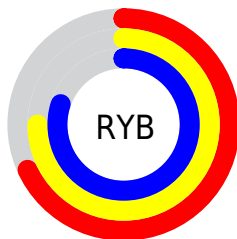
Distribution



Red (68%)

Green (80%)

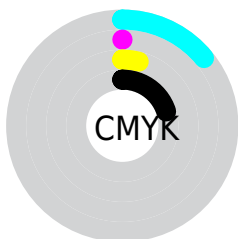
Blue (76%)



Red (68%)

Yellow (75%)

Blue (80%)

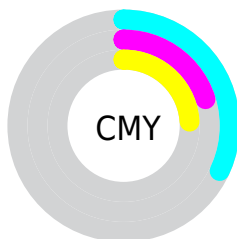


Cyan (14%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (32%)

Magenta (20%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.3030, 0.3436, -16.9287 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 193.3030, 0.3436, -16.9287 by changing the saturation by 10% instead.

■ 193.3030, 0.3436,
-16.9287

■ 193.3030, 0.3436,
-16.9287

255.0000, 0.0000,
0.0000

■ 166.3030, 0.3436,
-16.9287

■ 246.9550, 1.5012,
-14.8695

■ 139.6020, 0.1962,
-16.3140

■ 114.0150, 0.4856,
-15.7992

■ 89.3140, 0.3382,
-15.1844

■ 65.7270, 0.6276,
-14.6696

■ 43.7270, 0.6276,
-14.6696

■ 21.8410, 1.0644,

-14.7696

■ 0.0000, 0.0000,
0.0000

■ 193.3030, 0.3436,
-16.9287

■ 193.3030, 0.3436,
-16.9287

■ 186.6390, 0.6710,
-28.6244

■ 199.9670, 0.0163,
-5.2331

■ 179.5620, 0.7089,
-40.8349

■ 207.0440, -0.0217,
6.9774

■ 172.8980, 1.0363,
-52.5305

■ 213.7080, -0.3490,
18.6731

■ 166.2340, 1.3636,
-64.2262

■ 220.3720, -0.6764,
30.3688

■ 159.5700, 1.6910,
-75.9219

■ 221.1700, 2.3812,
29.6689

■ 152.4930, 1.7290,
-88.1324

■ 221.8540, 5.0020,
29.0690

■ 145.8290, 2.0563,
-99.8280

■ 222.5380, 7.6228,
28.4692

■ 139.1650, 2.3837,
-111.5237

■ 223.2220, 10.2436,
27.8693

■ 135.1210, 2.4053,
-118.5011

■ 224.0200, 13.3011,
27.1695

Harmonies

Analogous

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



193.9790, -4.9196, -8.7516



193.3030, 0.3436, -16.9287



193.3610, 5.7380, -20.4876

Triad

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



193.3030, 0.3436, -16.9287



197.6930, 9.0254, -1.4848



198.1070, -8.9268, 16.5692

Complementary

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



193.3030, 0.3436, -16.9287



183.6970, -0.3436, 16.9287

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.



198.7420, -5.2958, 18.6433



193.3030, 0.3436, -16.9287



198.4340, 5.2090, 9.2664

Square

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



193.3030, 0.3436, -16.9287



195.7950, 10.9471, -11.2212



199.0990, -0.0488, 15.6992



196.6070, -10.6523, 9.9917

Rectangle

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



193.3030, 0.3436, -16.9287



193.7570, 8.5008, -19.9579



199.0990, -0.0488, 15.6992



198.0470, -7.9112, 17.4988

Sweetspot

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



193.3030, 0.3436, -16.9287



251.6680, 0.1637, -5.8478



193.7140, -9.7190, -9.3962



125.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000



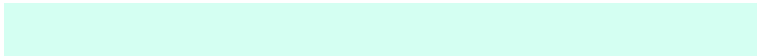
128.0000, 0.0000, 0.0000

Same Dimension

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



193.3030, 0.3436, -16.9287



240.6610, 0.6601, -25.1357



191.3940, 5.7218, -15.2545



98.6680, 0.1637, -5.8478



110.4380, 1.7561, -96.8541



25.2700, 0.3599, -22.1618

Inverse Universe

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



183.6970, -0.3436, 16.9287



226.3390, -0.6601, 25.1357



185.6060, -5.7218, 15.2545



95.3320, -0.1637, 5.8478



55.4480, -2.1929, 96.9541



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 193.3030, 0.3436, -16.9287 looks on a white background.

Color Contrast Check

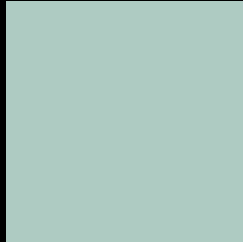
Large Text (above 18pt) WCAG AA × Fail

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 193.3030, 0.3436, -16.9287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

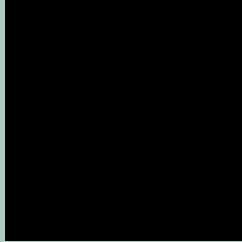
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.3030, 0.3436, -16.9287

Background



This preview shows how black text looks on a background with the YUV color 193.3030, 0.3436, -16.9287.



This preview shows how white text looks on a background with the YUV color 193.3030, 0.3436, -16.9287.

-16.9287.

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

193.3030, 0.3436, -16.9287

Protanopia

196.2240, -3.0684, 4.1886

Deuteranopia

198.2730, -0.6276, 14.6696



Tritanopia

195.2460, 10.2317, -15.1247

Trichromacy



Original Color

193.3030, 0.3436, -16.9287

Protanomaly

195.1090, -2.0257, -3.6036

Deuteranomaly

196.6090, -0.3002, 2.9739

Tritanomaly

194.6220, 6.5954, -15.4545

Monochromacy



Original Color

193.3030, 0.3436, -16.9287

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.2550, -0.1257, -6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.3030, 0.3436, -16.9287 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(174, 203, 194)` looks like.

```
.text, #text, p{  
    color:rgb(174, 203, 194)  
}
```

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(174, 203, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 203, 194) }
```

Border

The CSS property to change the border of an element to YUV 193.3030, 0.3436, -16.9287 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(174, 203, 194) }
```


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

```
.border{ border-color:rgb(174, 203, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 203, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 203, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 203, 194);  
box-shadow:4px 4px 4px 4px rgb(174, 203,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 193.3030, 0.3436, -16.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 203, 194) }
```

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

```
.background{ background-color: rgb(174,  
203, 194) }
```

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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