

Converting Colors

YUV(191.5410, -0.7597,
-36.4315)

Have a look what the booklet for
YUV(191.5410, -0.7597, -36.4315)
contains.

YUV(191.5410, -0.7597, -36.4315)	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(191.5410, -0.7597,
-36.4315)**

Conversions

Conversions Part 1

Format	Color
Hex	96D5BE
RGB	150, 213, 190
RGB Percent	59%, 84%, 75%
CMY	0.4118, 0.1647, 0.2549
CMYK	0.30, 0.00, 0.11, 0.16
HSL	158°, 43%, 71%
HSV	158°, 30%, 84%
XYZ	45.6662, 57.7902, 57.4630
YIQ	191.5410, -30.1650, -20.5090

Conversions

Conversions Part 2

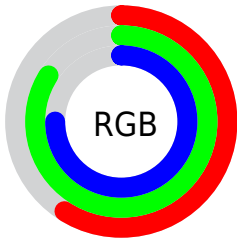
Format	Color
RYB	150, 189, 213
Decimal	9885118
CIELab	80.62, -24.86, 4.97
CIELCh	81, 25.354, 168.705
Yxy	57.7902, 0.2838, 0.3591
Android (android.graphics.Color)	4288075198 (0xFF96D5BE)
YUV	191.5410, -0.7597, -36.4315
Hunter-Lab	76.0199, -25.8074, 8.3970

Details

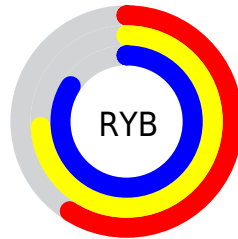
The YUV color $191.5410, -0.7597, -36.4315$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $171.4590, 0.7597, 36.4315$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.3230, 3.2918, -29.2243$, and $137.3670, -0.1809, -35.4019$ is the 20% darker color. If you saturate the color by 10%, you get $184.3500, -1.1585, -48.5419$, and if you desaturate by 10%, it is $198.7320, -0.3609, -24.3210$.

Distribution



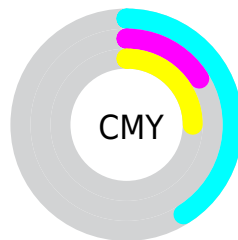
- Red (59%)
- Green (84%)
- Blue (75%)



- Red (59%)
- Yellow (74%)
- Blue (84%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)



- Cyan (41%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.5410, -0.7597, -36.4315 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 191.5410, -0.7597, -36.4315 by changing the saturation by 10% instead.

■ 191.5410, -0.7597,
-36.4315

■ 191.5410, -0.7597,
-36.4315

255.0000, 0.0000,
0.0000

■ 163.9540, -0.4703,
-35.9167

■ 239.3230, 3.2918,
-29.2243

■ 137.3670, -0.1809,
-35.4019

■ 248.7210, 3.0955,
-12.9103

■ 111.3670, -0.1809,
-35.4019

■ 85.5950, 0.6927,
-35.6018

■ 60.5130, 1.7191,
-38.1609

■ 38.8340, 1.5608,
-34.0574

■ 24.1130, -1.5347,

-21.1471

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 191.5410, -0.7597,
-36.4315

■ 191.5410, -0.7597,
-36.4315

■ 184.3500, -1.1585,
-48.5419

■ 198.7320, -0.3609,
-24.3210

■ 176.8600, -1.4100,
-61.2672

■ 206.2220, -0.1094,
-11.5957

■ 169.7830, -1.3720,
-73.4777

■ 213.2990, -0.1474,
0.6148

■ 162.5920, -1.7709,
-85.5882

■ 220.4900, 0.2514,
12.7253

■ 155.4010, -2.1697,
-97.6987

■ 227.3820, 0.7977,
24.2210

■ 147.9110, -2.4211,
-110.4239

■ 228.2940, 4.2921,
23.4212

■ 140.8340, -2.3832,
-122.6344

■ 229.0920, 7.3496,
22.7213

■ 140.4210, -2.6726,
-123.1492

■ 230.0040, 10.8440,
21.9215

■ 230.3460, 12.1544,
21.6216

Harmonies

Analogous

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



194.1600, -12.8969, -16.8033



191.5410, -0.7597, -36.4315



189.4930, 12.0820, -48.6674

Triad

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



191.5410, -0.7597, -36.4315



200.9770, 21.7033, -7.8728



201.8230, -18.1537, 36.1122

Complementary

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



191.5410, -0.7597, -36.4315



171.4590, 0.7597, 36.4315

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.



203.6630, -8.7079, 39.7605



191.5410, -0.7597, -36.4315



203.7690, 13.9179, 15.9886

Square

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



191.5410, -0.7597, -36.4315



196.2190, 24.5420, -31.7641



204.3060, 2.8071, 33.0576



199.5950, -22.4783, 23.1572

Rectangle

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



191.5410, -0.7597, -36.4315



190.6160, 18.9233, -49.6522



204.3060, 2.8071, 33.0576



202.3440, -14.9596, 38.2863

Sweetspot

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



191.5410, -0.7597, -36.4315



247.2110, -0.1040, -13.3400



193.8580, -21.6220, -18.2925



122.8310, -0.4097, -8.6218



0.0000, 0.0000, 0.0000



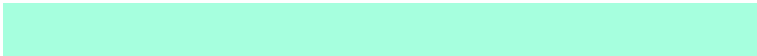
128.0000, 0.0000, 0.0000

Same Dimension

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



191.5410, -0.7597, -36.4315



224.6270, -1.2951, -51.4159



189.4670, 11.6018, -34.6126



103.2550, -0.1257, -6.3626



112.6890, -2.3117, -98.8283



28.4330, -0.2135, -24.9357

Inverse Universe

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



171.4590, 0.7597, 36.4315



196.2590, 0.8583, 51.5159



173.5330, -11.6018, 34.6126



99.7450, 0.1257, 6.3626



58.1970, 1.8749, 98.9282



14.6810, 0.6503, 24.8358

Previews

White Background



This preview shows how the YUV color 191.5410, -0.7597, -36.4315 looks on a white background.

Color Contrast Check

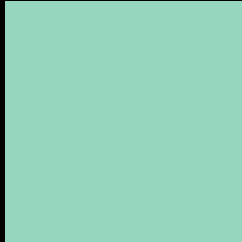
Large Text (above 18pt) WCAG AA × Fail

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 191.5410, -0.7597, -36.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

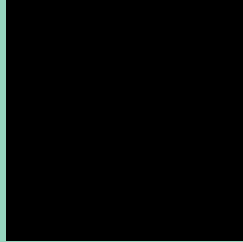
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.5410, -0.7597, -36.4315

Background



This preview shows how black text looks on a background with the YUV color 191.5410, -0.7597, -36.4315.



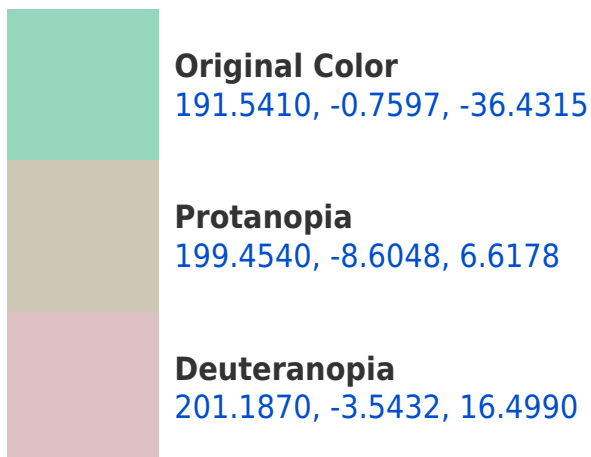
This preview shows how white text looks on a background with the YUV color 191.5410, -0.7597,

-36.4315.

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





Tritanopia

194.6890, 14.9433, -33.0533

Trichromacy



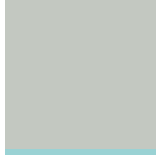
Original Color

191.5410, -0.7597, -36.4315



Protanomaly

196.4520, -5.6458, -9.1664



Deuteranomaly

197.7070, -2.3206, -2.3740



Tritanomaly

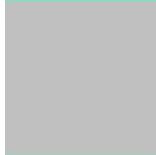
193.4840, 9.1284, -34.6275

Monochromacy



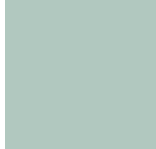
Original Color

191.5410, -0.7597, -36.4315



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

192.0970, -0.5408, -13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.5410, -0.7597, -36.4315 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(150, 213, 190)` looks like.

```
.text, #text, p{  
    color:rgb(150, 213, 190)  
}
```

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(150, 213, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 213, 190) }
```

Border

The CSS property to change the border of an element to YUV 191.5410, -0.7597, -36.4315 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(150, 213, 190) }
```


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

```
.border{ border-color:rgb(150, 213, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 213, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 213, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 213, 190);  
box-shadow:4px 4px 4px 4px rgb(150, 213,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 191.5410, -0.7597, -36.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 213, 190) }
```

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

```
.background{ background-color: rgb(150,  
213, 190) }
```

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