

Converting Colors

YUV(195.2480, 0.3707,
-25.6505)

Have a look what the booklet for
YUV(195.2480, 0.3707, -25.6505)
contains.

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Color

**YUV(195.2480, 0.3707,
-25.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	A6D2C4
RGB	166, 210, 196
RGB Percent	65%, 82%, 77%
CMY	0.3490, 0.1765, 0.2314
CMYK	0.21, 0.00, 0.07, 0.18
HSL	161°, 33%, 74%
HSV	161°, 21%, 82%
XYZ	48.7363, 58.1857, 60.8868
YIQ	195.2480, -21.7300, -13.6820

Conversions

Conversions Part 2

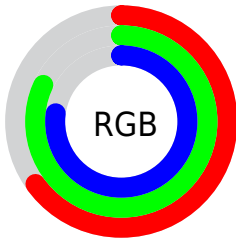
Format	Color
RYB	166, 192, 210
Decimal	10932932
CIELab	80.84, -17.22, 2.20
CIELCh	81, 17.364, 172.733
Yxy	58.1857, 0.2904, 0.3467
Android (android.graphics.Color)	4289123012 (0xFFA6D2C4)
YUV	195.2480, 0.3707, -25.6505
Hunter-Lab	76.2796, -19.4426, 6.0700

Details

The YUV color $195.2480, 0.3707, -25.6505$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $180.7520, -0.3707, 25.6505$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.9050, 3.9908, -20.0877$, and $140.9600, 0.5127, -24.5209$ is the 20% darker color. If you saturate the color by 10%, you get $188.1710, 0.4087, -37.8610$, and if you desaturate by 10%, it is $202.3250, 0.3328, -13.4400$.

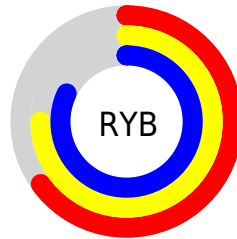
Distribution



Red (65%)

Green (82%)

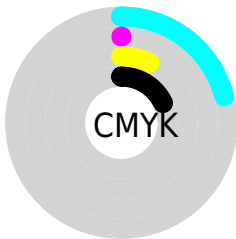
Blue (77%)



Red (65%)

Yellow (75%)

Blue (82%)

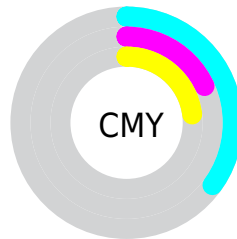


Cyan (21%)

Magenta (0%)

Yellow (7%)

Black (18%)



Cyan (35%)

Magenta (18%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 195.2480, 0.3707, -25.6505 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 195.2480, 0.3707, -25.6505 by changing the saturation by 10% instead.


 195.2480, 0.3707,
-25.6505

 195.2480, 0.3707,
-25.6505


255.0000, 0.0000,
0.0000


 167.6610, 0.6601,
-25.1357

 244.9050, 3.9908,
-20.0877


 140.9600, 0.5127,
-24.5209

 253.5050, 0.7370,
-3.0739

 115.3730, 0.8021,
-24.0061

 90.6720, 0.6547,
-23.3913

 66.7860, 1.0915,
-23.4913

 43.4870, 1.2389,
-24.1061

 23.5090, 1.2281,

-20.6174

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 195.2480, 0.3707,
-25.6505

■ 195.2480, 0.3707,
-25.6505

■ 188.1710, 0.4087,
-37.8610

■ 202.3250, 0.3328,
-13.4400

■ 181.2080, 0.8835,
-50.1714

■ 209.2880, -0.1420,
-1.1296

■ 174.1310, 0.9214,
-62.3819

■ 216.3650, -0.1799,
11.0809

■ 167.0540, 0.9594,
-74.5924

■ 223.4420, -0.2179,
23.2914

■ 160.0910, 1.4341,
-86.9028

■ 225.6210, 1.6658,
25.7654

■ 153.0140, 1.4721,
-99.1133

■ 226.4190, 4.7234,
25.0655

■ 145.9370, 1.5101,
-111.3237

■ 227.2170, 7.7810,
24.3657

■ 139.5720, 1.6900,
-122.4046

■ 227.9010, 10.4018,
23.7658

■ 228.5850, 13.0226,
23.1660

Harmonies

Analogous

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



197.1480, -7.9610, -13.2848



195.2480, 0.3707, -25.6505



194.7940, 8.9756, -32.2683

Triad

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



195.2480, 0.3707, -25.6505



201.9470, 13.8301, -2.5845



202.0110, -13.3164, 24.5464

Complementary

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



195.2480, 0.3707, -25.6505



180.7520, -0.3707, 25.6505

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.



203.3410, -7.0701, 27.7649



195.2480, 0.3707, -25.6505



203.6670, 8.5452, 12.5700

Square

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



195.2480, 0.3707, -25.6505



198.8310, 16.3523, -18.2688



203.9690, 0.5083, 23.7062



200.6740, -15.6153, 15.1949

Rectangle

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



195.2480, 0.3707, -25.6505



195.8310, 12.9013, -31.4238



203.9690, 0.5083, 23.7062



202.7770, -11.7221, 26.5056

Sweetspot

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



195.2480, 0.3707, -25.6505



249.9450, 0.0271, -8.7218



196.3130, -14.9443, -13.4295



124.9670, 0.0163, -5.2331



0.0000, 0.0000, 0.0000



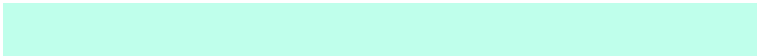
128.0000, 0.0000, 0.0000

Same Dimension

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



195.2480, 0.3707, -25.6505



233.5840, 0.6981, -37.3462



192.7350, 8.5116, -23.4466



101.2550, -0.1257, -6.3626



111.7260, 1.6141, -97.9837



27.2590, 0.3653, -23.9061

Inverse Universe

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



180.7520, -0.3707, 25.6505



212.5300, -0.2613, 37.2462



183.2650, -8.5116, 23.4466



97.6310, -0.3111, 6.4626



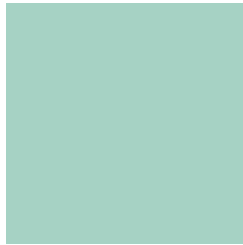
56.3880, -1.1773, 97.8837



13.7410, -0.3653, 23.9061

Previews

White Background



This preview shows how the YUV color 195.2480, 0.3707, -25.6505 looks on a white background.

Color Contrast Check

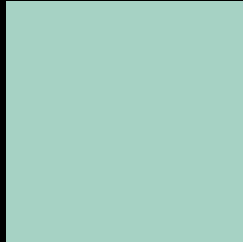
Large Text (above 18pt) WCAG AA × Fail

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 195.2480, 0.3707, -25.6505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

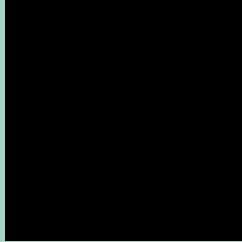
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.2480, 0.3707, -25.6505

Background



This preview shows how black text looks on a background with the YUV color 195.2480, 0.3707, -25.6505.



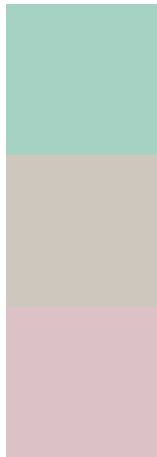
This preview shows how white text looks on a background with the YUV color 195.2480, 0.3707, -25.6505.

-25.6505.

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**

195.2480, 0.3707, -25.6505

Protanopia

200.0670, -4.9630, 5.2032

Deuteranopia

202.3440, -1.6486, 15.4843



Tritanopia

197.4730, 12.5848, -23.2168

Trichromacy



Original Color

195.2480, 0.3707, -25.6505

Protanomaly

198.1580, -3.0359, -6.2776

Deuteranomaly

199.7720, -0.8736, 0.2000

Tritanomaly

196.3220, 8.2223, -23.9614

Monochromacy



Original Color

195.2480, 0.3707, -25.6505

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.6460, 0.1745, -9.3365

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.2480, 0.3707, -25.6505 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(166, 210, 196)` looks like.

```
.text, #text, p{  
    color:rgb(166, 210, 196)  
}
```

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(166, 210, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 210, 196) }
```

Border

The CSS property to change the border of an element to YUV 195.2480, 0.3707, -25.6505 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(166, 210, 196) }
```


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

```
.border{ border-color:rgb(166, 210, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 210, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 210, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 210, 196);  
box-shadow:4px 4px 4px 4px rgb(166, 210,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 195.2480, 0.3707, -25.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 210, 196) }
```

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

```
.background{ background-color: rgb(166,  
210, 196) }
```

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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