

Converting Colors

YUV(193.7860, -2.3595,
-36.6463)

Have a look what the booklet for
YUV(193.7860, -2.3595, -36.6463)
contains.

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Color

**YUV(193.7860, -2.3595,
-36.6463)**

Conversions

Conversions Part 1

Format	Color
Hex	98D8BD
RGB	152, 216, 189
RGB Percent	60%, 85%, 74%
CMY	0.4039, 0.1529, 0.2588
CMYK	0.30, 0.00, 0.12, 0.15
HSL	155°, 45%, 72%
HSV	155°, 30%, 85%
XYZ	46.6901, 59.4613, 57.1605
YIQ	193.7860, -29.4770, -21.9650

Conversions

Conversions Part 2

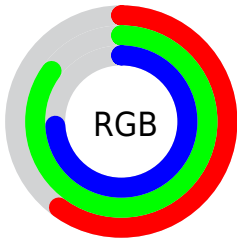
Format	Color
RYB	152, 193, 216
Decimal	10016957
CIELab	81.54, -25.93, 6.84
CIELCh	82, 26.821, 165.224
Yxy	59.4613, 0.2859, 0.3641
Android (android.graphics.Color)	4288207037 (0xFF98D8BD)
YUV	193.7860, -2.3595, -36.6463
Hunter-Lab	77.1111, -26.8644, 10.0277

Details

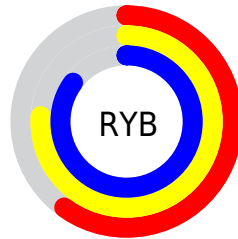
The YUV color **193.7860, -2.3595, -36.6463** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **174.2140, 2.3595, 36.6463**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8070, 2.5601, -27.8947**, and **139.6120, -1.7807, -35.6167** is the 20% darker color. If you saturate the color by 10%, you get **186.1820, -3.0477, -49.2716**, and if you desaturate by 10%, it is **201.3900, -1.6713, -24.0210**.

Distribution



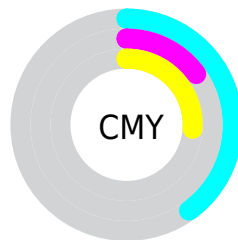
- Red (60%)
- Green (85%)
- Blue (74%)



- Red (60%)
- Yellow (76%)
- Blue (85%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (40%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.7860, -2.3595, -36.6463 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 193.7860, -2.3595, -36.6463 by changing the saturation by 10% instead.

■ 193.7860, -2.3595,
-36.6463

■ 193.7860, -2.3595,
-36.6463

255.0000, 0.0000,
0.0000

■ 166.1990, -2.0701,
-36.1315

■ 239.8070, 2.5601,
-27.8947

■ 139.6120, -1.7807,
-35.6167

■ 249.3190, 2.8007,
-11.6808

■ 113.6120, -1.7807,
-35.6167

■ 87.8400, -0.9071,
-35.8167

■ 62.1710, 0.4087,
-37.8610

■ 40.4810, 0.2559,
-35.5018

■ 25.2870, -2.1135,

-22.1767

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 193.7860, -2.3595,
-36.6463

■ 193.7860, -2.3595,
-36.6463

■ 186.1820, -3.0477,
-49.2716

■ 201.3900, -1.6713,
-24.0210

■ 178.8770, -3.8834,
-61.2821

■ 208.6950, -0.8356,
-12.0105

■ 171.2730, -4.5716,
-73.9074

■ 216.2990, -0.1474,
0.6148

■ 163.9680, -5.4072,
-85.9179

■ 223.6040, 0.6882,
12.6253

■ 156.2500, -6.5322,
-98.4432

■ 229.8270, 2.5503,
22.0767

■ 148.6460, -7.2205,
-111.0685

■ 230.8530, 6.4815,
21.1769

■ 141.3410, -8.0561,
-123.0791

■ 231.8790, 10.4127,
20.2771

■ 141.0420, -7.9087,
-123.6938

■ 232.1070, 11.2862,
20.0772

Harmonies

Analogous

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



197.3020, -14.9389, -15.1739



193.7860, -2.3595, -36.6463



191.6560, 11.5086, -51.4413

Triad

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



193.7860, -2.3595, -36.6463



203.4110, 23.4614, -11.7614



204.5460, -18.0172, 38.9862

Complementary

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



193.7860, -2.3595, -36.6463



174.2140, 2.3595, 36.6463

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.



206.3150, -7.5503, 41.8197



193.7860, -2.3595, -36.6463



206.2140, 15.6705, 13.8443

Square

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



193.7860, -2.3595, -36.6463



197.9410, 26.1581, -36.7823



207.0610, 4.4069, 33.2725



202.9760, -23.6522, 26.3310

Rectangle

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



193.7860, -2.3595, -36.6463



192.2950, 19.0816, -53.7557



207.0610, 4.4069, 33.2725



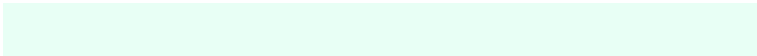
205.0670, -14.8230, 41.1602

Sweetspot

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



193.7860, -2.3595, -36.6463



246.9830, -0.9776, -13.1401



197.9400, -22.6484, -15.7334



122.8310, -0.4097, -8.6218



0.0000, 0.0000, 0.0000



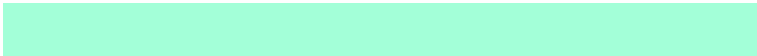
128.0000, 0.0000, 0.0000

Same Dimension

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



193.7860, -2.3595, -36.6463



223.0460, -3.4737, -52.6603



194.5160, 10.5916, -37.2865



103.2550, -0.1257, -6.3626



111.6630, -6.2429, -97.9285



28.0910, -1.5239, -24.6358

Inverse Universe

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



174.2140, 2.3595, 36.6463



194.9540, 3.4737, 52.6603



173.4840, -10.5916, 37.2865



99.8590, 0.5625, 6.2627



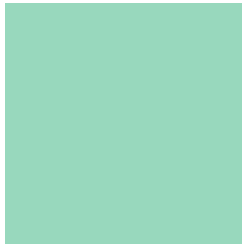
59.3370, 6.2429, 97.9285



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 193.7860, -2.3595, -36.6463 looks on a white background.

Color Contrast Check

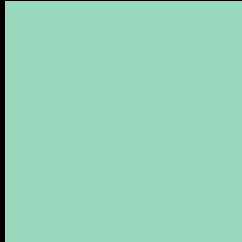
Large Text (above 18pt) WCAG AA × Fail

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 193.7860, -2.3595, -36.6463 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

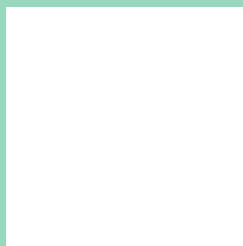
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.7860, -2.3595, -36.6463

Background



This preview shows how black text looks on a background with the YUV color 193.7860, -2.3595, -36.6463.



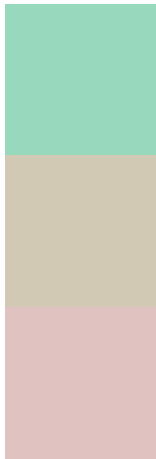
This preview shows how white text looks on a background with the YUV color 193.7860, -2.3595,

-36.6463.

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

193.7860, -2.3595, -36.6463

Protanopia

201.4110, -10.0626, 7.5326

Deuteranopia

203.4430, -5.1484, 18.0285



Tritanopia

197.5750, 14.5065, -32.9533

Trichromacy



Original Color

193.7860, -2.3595, -36.6463



Protanomaly

198.4090, -7.1036, -8.2517



Deuteranomaly

200.2510, -4.0677, -1.9741



Tritanomaly

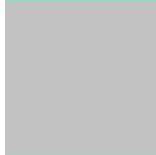
196.2560, 8.2548, -34.4275

Monochromacy



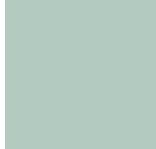
Original Color

193.7860, -2.3595, -36.6463



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.9830, -0.9776, -13.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.7860, -2.3595, -36.6463 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(152, 216, 189)` looks like.

```
.text, #text, p{  
    color:rgb(152, 216, 189)  
}
```

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(152, 216, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 216, 189) }
```

Border

The CSS property to change the border of an element to YUV 193.7860, -2.3595, -36.6463 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(152, 216, 189) }
```


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

```
.border{ border-color:rgb(152, 216, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 216, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 216, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 216, 189);  
box-shadow:4px 4px 4px 4px rgb(152, 216,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 193.7860, -2.3595, -36.6463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 216, 189) }
```

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

```
.background{ background-color: rgb(152,  
216, 189) }
```

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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