

Converting Colors

YUV(196.3090, -2.1243,
-18.6880)

Have a look what the booklet for
YUV(196.3090, -2.1243, -18.6880)
contains.

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Color

**YUV(196.3090, -2.1243,
-18.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD0C0
RGB	175, 208, 192
RGB Percent	69%, 82%, 75%
CMY	0.3137, 0.1843, 0.2471
CMYK	0.16, 0.00, 0.08, 0.18
HSL	151°, 26%, 75%
HSV	151°, 16%, 82%
XYZ	49.7495, 58.0315, 58.4483
YIQ	196.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

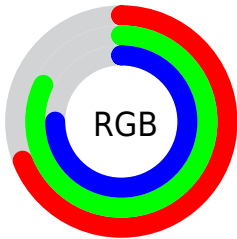
Format	Color
RYB	175, 197, 208
Decimal	11522240
CIELab	80.76, -14.10, 4.28
CIElCh	81, 14.736, 163.121
Yxy	58.0315, 0.2993, 0.3491
Android (android.graphics.Color)	4289712320 (0xFFAFD0C0)
YUV	196.3090, -2.1243, -18.6880
Hunter-Lab	76.1784, -16.7400, 7.8343

Details

The YUV color $196.3090, -2.1243, -18.6880$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $186.6910, 2.1243, 18.6880$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.0260, 0.4802, -14.0548$, and $142.7220, -1.8349, -18.1732$ is the 20% darker color. If you saturate the color by 10%, you get $188.8900, -3.3968, -30.5985$, and if you desaturate by 10%, it is $203.7280, -0.8519, -6.7775$.

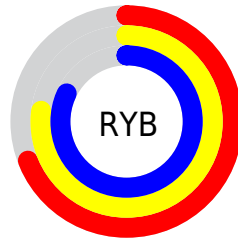
Distribution



Red (69%)

Green (82%)

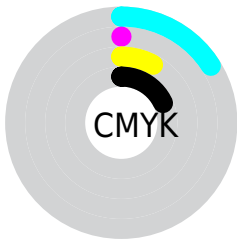
Blue (75%)



Red (69%)

Yellow (77%)

Blue (82%)

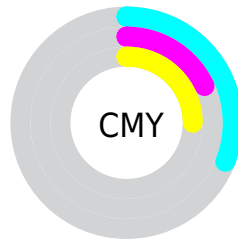


Cyan (16%)

Magenta (0%)

Yellow (8%)

Black (18%)



Cyan (31%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.3090, -2.1243, -18.6880 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 196.3090, -2.1243, -18.6880 by changing the saturation by 10% instead.

■ 196.3090, -2.1243,
-18.6880

■ 196.3090, -2.1243,
-18.6880

255.0000, 0.0000,
0.0000

■ 168.7220, -1.8349,
-18.1732

■ 247.0260, 0.4802,
-14.0548

■ 142.7220, -1.8349,
-18.1732

■ 117.0210, -1.9824,
-17.5584

■ 91.8470, -1.4036,
-16.5288

■ 68.1460, -1.5510,
-15.9140

■ 45.2600, -1.1142,
-16.0140

■ 24.3740, -0.6774,

-16.1140

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 196.3090, -2.1243,
-18.6880

■ 196.3090, -2.1243,
-18.6880

■ 188.8900, -3.3968,
-30.5985

■ 203.7280, -0.8519,
-6.7775

■ 181.4710, -4.6692,
-42.5091

■ 211.1470, 0.4205,
5.1331

■ 174.3510, -6.0890,
-53.8048

■ 218.2670, 1.8404,
16.4288

■ 166.9320, -7.3615,
-65.7154

■ 224.7890, 3.5550,
26.4950

■ 159.5130, -8.6339,
-77.6259

■ 225.9290, 7.9230,
25.4953

■ 151.9800,
-10.3431, -89.4365

■ 227.1830, 12.7278,
24.3955

■ 144.5610,
-11.6156, -101.3470

■ 227.4110, 13.6014,
24.1956

■ 137.4410,
-13.0354, -112.6428

■ 134.2940,
-13.4559, -117.7758

Harmonies

Analogous

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



197.3660, -8.5614, -7.3370



196.3090, -2.1243, -18.6880



195.8010, 5.0281, -26.1355

Triad

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



196.3090, -2.1243, -18.6880



200.9850, 12.8254, -7.0028



202.2110, -9.9640, 22.6170

Complementary

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



196.3090, -2.1243, -18.6880



186.6910, 2.1243, 18.6880

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.



203.1170, -4.0017, 23.5764



196.3090, -2.1243, -18.6880



202.7480, 8.9982, 7.2370

Square

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



196.3090, -2.1243, -18.6880



198.4350, 13.5895, -18.7985



203.5060, 2.7085, 17.9732



200.9560, -13.2893, 15.8246

Rectangle

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



196.3090, -2.1243, -18.6880



195.9410, 9.3961, -27.1353



203.5060, 2.7085, 17.9732



202.3790, -8.0748, 23.3466

Sweetspot

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



196.3090, -2.1243, -18.6880



250.4290, -0.7045, -7.3922



199.4540, -12.0558, -6.5372



125.1520, -0.5679, -4.5183



0.0000, 0.0000, 0.0000



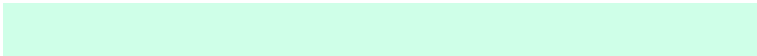
128.0000, 0.0000, 0.0000

Same Dimension

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



196.3090, -2.1243, -18.6880



238.0260, -2.9708, -27.2098



198.1330, 4.8644, -20.2876



101.0270, -0.9993, -6.1627



108.5340, -10.6163, -95.1843



26.4610, -2.6923, -23.2063

Inverse Universe

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



186.6910, 2.1243, 18.6880



223.9740, 2.9708, 27.2098



184.8670, -4.8644, 20.2876



97.8590, 0.5625, 6.2627



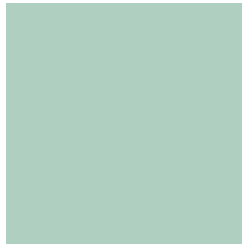
59.5800, 11.0531, 95.0843



14.5390, 2.6923, 23.2063

Previews

White Background



This preview shows how the YUV color 196.3090, -2.1243, -18.6880 looks on a white background.

Color Contrast Check

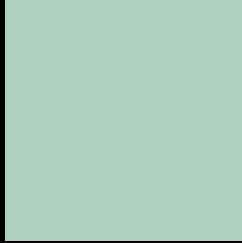
Large Text (above 18pt) WCAG AA × Fail

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 196.3090, -2.1243, -18.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

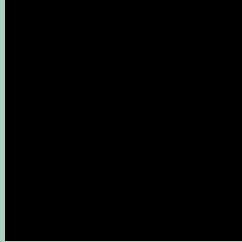
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.3090, -2.1243, -18.6880

Background



This preview shows how black text looks on a background with the YUV color 196.3090, -2.1243, -18.6880.



This preview shows how white text looks on a background with the YUV color 196.3090, -2.1243, -18.6880.

-18.6880.

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

196.3090, -2.1243, -18.6880

Protanopia

200.0240, -6.4208, 6.1180

Deuteranopia

201.6000, -3.2538, 17.0138



Tritanopia

198.6480, 10.5265, -16.3543

Trichromacy



Original Color

196.3090, -2.1243, -18.6880

Protanomaly

198.4250, -4.6465, -3.0037

Deuteranomaly

199.3380, -2.6316, 4.0886

Tritanomaly

197.4970, 6.1640, -17.0989

Monochromacy



Original Color

196.3090, -2.1243, -18.6880

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3090, -2.1243, -18.6880 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(175, 208, 192)` looks like.

```
.text, #text, p{  
    color:rgb(175, 208, 192)  
}
```

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(175, 208, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 208, 192) }
```

Border

The CSS property to change the border of an element to YUV 196.3090, -2.1243, -18.6880 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(175, 208, 192) }
```


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

```
.border{ border-color:rgb(175, 208, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 208, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 208, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 208, 192);  
box-shadow:4px 4px 4px 4px rgb(175, 208,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 196.3090, -2.1243, -18.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 208, 192) }
```

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

```
.background{ background-color: rgb(175,  
208, 192) }
```

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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