

Converting Colors

YUV(193.0470, 1.9488,
-18.4582)

Have a look what the booklet for
YUV(193.0470, 1.9488, -18.4582)
contains.

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Color

**YUV(193.0470, 1.9488,
-18.4582)**

Conversions

Conversions Part 1

Format	Color
Hex	ACCBC5
RGB	172, 203, 197
RGB Percent	67%, 80%, 77%
CMY	0.3255, 0.2039, 0.2275
CMYK	0.15, 0.00, 0.03, 0.20
HSL	168°, 23%, 74%
HSV	168°, 15%, 80%
XYZ	48.4472, 55.5137, 60.9851
YIQ	193.0470, -16.5500, -8.4380

Conversions

Conversions Part 2

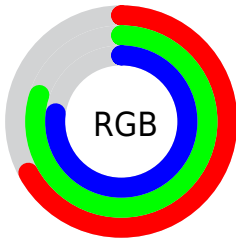
Format	Color
R _Y B	172, 189, 203
Decimal	11324357
CIE Lab	79.34, -11.53, -0.49
CIE LCh	79, 11.537, 182.425
Yxy	55.5137, 0.2937, 0.3366
Android (android.graphics.Color)	4289514437 (0xFFACCBC5)
YUV	193.0470, 1.9488, -18.4582
Hunter-Lab	74.5075, -14.3217, 3.6259

Details

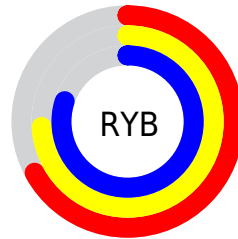
The YUV color $193.0470, 1.9488, -18.4582$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $181.9530, -1.9488, 18.4582$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.8130, 3.5432, -16.4990$, and $139.3460, 1.8014, -17.8434$ is the 20% darker color. If you saturate the color by 10%, you get $186.6110, 3.1498, -30.3538$, and if you desaturate by 10%, it is $199.4830, 0.7479, -6.5626$.

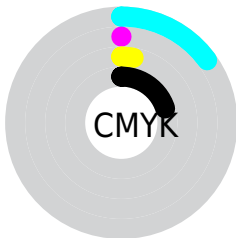
Distribution



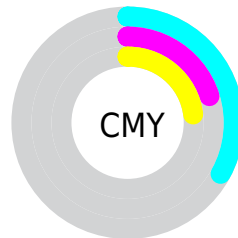
- Red (67%)
- Green (80%)
- Blue (77%)



- Red (67%)
- Yellow (74%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.0470, 1.9488, -18.4582 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 193.0470, 1.9488, -18.4582 by changing the saturation by 10% instead.

■ 193.0470, 1.9488,
-18.4582

■ 193.0470, 1.9488,
-18.4582

255.0000, 0.0000,
0.0000

■ 166.0470, 1.9488,
-18.4582

■ 246.8130, 3.5432,
-16.4990

■ 139.3460, 1.8014,
-17.8434

■ 113.7590, 2.0908,
-17.3286

■ 89.0580, 1.9434,
-16.7139

■ 65.4710, 2.2328,
-16.1991

■ 43.3570, 1.7960,
-16.0991

■ 21.5850, 2.6696,

-16.2990

0.0000, 0.0000,
0.0000

193.0470, 1.9488,
-18.4582

193.0470, 1.9488,
-18.4582

186.6110, 3.1498,
-30.3538

199.4830, 0.7479,
-6.5626

179.8760, 4.4981,
-42.8643

206.2180, -0.6005,
5.9478

173.4400, 5.6991,
-54.7599

212.6540, -1.8014,
17.8434

167.0040, 6.9000,
-66.6555

219.0900, -3.0024,
29.7391

160.5680, 8.1010,
-78.5511

220.1440, -1.5500,
30.5687

■ 153.8330, 9.4493,
-91.0615

■ 220.6000, 0.1972,
30.1688

■ 147.3970, 10.6503,
-102.9572

■ 221.0560, 1.9444,
29.7689

■ 141.0750, 12.2880,
-114.9528

■ 221.3980, 3.2548,
29.4690

■ 137.8570, 12.8885,
-120.9006

■ 221.8540, 5.0020,
29.0690

Harmonies

Analogous

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



193.5980, -3.7458, -11.9254



193.0470, 1.9488, -18.4582



193.1160, 7.3378, -20.2727

Triad

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



193.0470, 1.9488, -18.4582



198.1880, 8.2883, 1.5891



197.5690, -9.6475, 14.4100

Complementary

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



193.0470, 1.9488, -18.4582



181.9530, -1.9488, 18.4582

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.



198.4000, -6.6062, 18.9432



193.0470, 1.9488, -18.4582



199.1030, 3.8932, 11.3107

Square

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



193.0470, 1.9488, -18.4582



196.1050, 10.7942, -8.8621



198.7680, -1.3646, 17.7435



196.2970, -10.4994, 7.6325

Rectangle

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



193.0470, 1.9488, -18.4582



193.9960, 9.3690, -18.4135



198.7680, -1.3646, 17.7435



198.1070, -8.9268, 16.5692

Sweetspot

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



193.0470, 1.9488, -18.4582



250.8850, 1.0427, -7.7921



191.9910, -9.8556, -12.2701



125.3800, 0.3057, -4.7183



0.0000, 0.0000, 0.0000



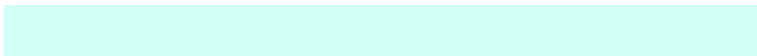
128.0000, 0.0000, 0.0000

Same Dimension

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



193.0470, 1.9488, -18.4582



240.2200, 2.8495, -27.3799



188.4480, 7.1741, -14.4249



98.7820, 0.6005, -5.9478



112.7180, 10.4920, -98.8537



25.8400, 2.5439, -22.6617

Inverse Universe

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



181.9530, -1.9488, 18.4582



223.7800, -2.8495, 27.3799



186.5520, -7.1741, 14.4249



95.2180, -0.6005, 5.9478



53.2820, -10.4920, 98.8537



12.1600, -2.5439, 22.6617

Previews

White Background



This preview shows how the YUV color 193.0470, 1.9488, -18.4582 looks on a white background.

Color Contrast Check

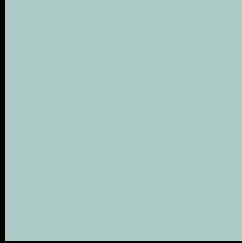
Large Text (above 18pt) WCAG AA × Fail

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 193.0470, 1.9488, -18.4582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

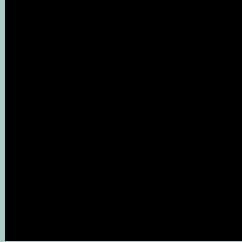
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

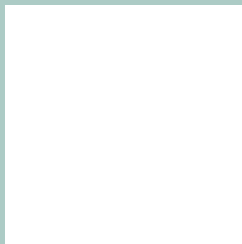
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.0470, 1.9488, -18.4582

Background



This preview shows how black text looks on a background with the YUV color 193.0470, 1.9488, -18.4582.



This preview shows how white text looks on a background with the YUV color 193.0470, 1.9488, -18.4582.

-18.4582.

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

193.0470, 1.9488, -18.4582

Protanopia

196.2670, -1.6106, 3.2738

Deuteranopia

198.0170, 0.9776, 13.1401



Tritanopia

194.3490, 10.6739, -16.9691

Trichromacy



Original Color

193.0470, 1.9488, -18.4582

Protanomaly

195.1520, -0.5679, -4.5183

Deuteranomaly

196.3530, 1.3050, 1.4444

Tritanomaly

193.8390, 7.4744, -17.3988

Monochromacy



Original Color

193.0470, 1.9488, -18.4582

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.0700, 0.4585, -7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.0470, 1.9488, -18.4582 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(172, 203, 197)` looks like.

```
.text, #text, p{  
    color:rgb(172, 203, 197)  
}
```

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(172, 203, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 203, 197) }
```

Border

The CSS property to change the border of an element to YUV 193.0470, 1.9488, -18.4582 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(172, 203, 197) }
```


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

```
.border{ border-color:rgb(172, 203, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 203, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 203, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 203, 197);  
box-shadow:4px 4px 4px 4px rgb(172, 203,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 193.0470, 1.9488, -18.4582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 203, 197) }
```

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

```
.background{ background-color: rgb(172,  
203, 197) }
```

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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