

Converting Colors

YUV(190.3290, 4.2748,
-17.8285)

Have a look what the booklet for
YUV(190.3290, 4.2748, -17.8285)
contains.

YUV(190.3290, 4.2748, -17.8285)	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(190.3290, 4.2748,
-17.8285)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC7C7
RGB	170, 199, 199
RGB Percent	67%, 78%, 78%
CMY	0.3333, 0.2196, 0.2196
CMYK	0.15, 0.00, 0.00, 0.22
HSL	180°, 21%, 72%
HSV	180°, 15%, 78%
XYZ	47.3098, 53.5164, 61.8690
YIQ	190.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

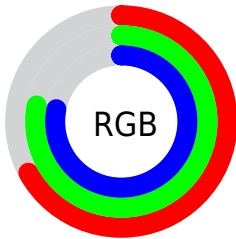
Format	Color
RYB	170, 185, 199
Decimal	11192263
CIELab	78.18, -9.69, -3.28
CIELCh	78, 10.228, 198.682
Yxy	53.5164, 0.2908, 0.3289
Android (android.graphics.Color)	4289382343 (0xFFAAC7C7)
YUV	190.3290, 4.2748, -17.8285
Hunter-Lab	73.1549, -12.5839, 1.0653

Details

The YUV color $190.3290, 4.2748, -17.8285$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $178.6710, -4.2748, 17.8285$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3290, 4.2748, -17.8285$, and $136.6280, 4.1274, -17.2138$ is the 20% darker color. If you saturate the color by 10%, you get $184.3490, 7.2229, -30.1241$, and if you desaturate by 10%, it is $196.3090, 1.3267, -5.5330$.

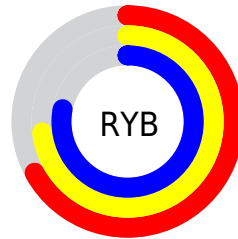
Distribution



Red (67%)

Green (78%)

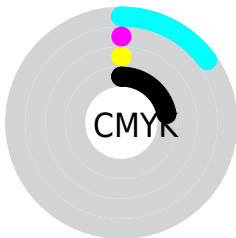
Blue (78%)



Red (67%)

Yellow (73%)

Blue (78%)

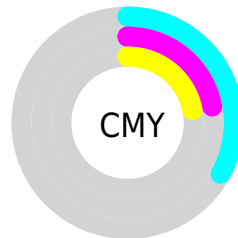


Cyan (15%)

Magenta (0%)

Yellow (0%)

Black (22%)



Cyan (33%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.3290, 4.2748, -17.8285 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 190.3290, 4.2748, -17.8285 by changing the saturation by 10% instead.

■ 190.3290, 4.2748,
-17.8285

■ 190.3290, 4.2748,
-17.8285

■ 255.0000, 0.0000,
0.0000

■ 163.3290, 4.2748,
-17.8285

■ 246.3290, 4.2748,
-17.8285

■ 136.6280, 4.1274,
-17.2138

■ 254.7010, 0.1474,
-0.6148

■ 111.0410, 4.4168,
-16.6990

■ 86.9270, 3.9800,
-16.5990

■ 63.2260, 3.8326,
-15.9842

■ 41.2260, 3.8326,
-15.9842

■ 19.6280, 4.1274,

-17.2138

■ 0.0000, 0.0000,
0.0000

■ 190.3290, 4.2748,
-17.8285

■ 190.3290, 4.2748,
-17.8285

■ 184.3490, 7.2229,
-30.1241

■ 196.3090, 1.3267,
-5.5330

■ 178.3690, 10.1711,
-42.4196

■ 202.2890, -1.6215,
6.7625

■ 172.3890, 13.1192,
-54.7152

■ 208.2690, -4.5696,
19.0581

■ 166.4090, 16.0674,
-67.0107

■ 214.2490, -7.5178,
31.3536

■ 160.4290, 19.0155,
-79.3062

■ 215.7440, -8.2548,
34.4275

■ 154.7480, 21.8162,
-90.9870

■ 148.7680, 24.7644,
-103.2825

■ 142.7880, 27.7125,
-115.5781

■ 139.4990, 29.3340,
-122.3406

Harmonies

Analogous

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



190.6840, -0.8302, -13.7549



190.3290, 4.2748, -17.8285



191.2520, 7.7638, -16.8840

Triad

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



190.3290, 4.2748, -17.8285



194.8250, 5.5093, 6.2925



193.3620, -9.0525, 10.2065

Complementary

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



190.3290, 4.2748, -17.8285



178.6710, -4.2748, 17.8285

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.



194.7370, -7.7583, 15.1397



190.3290, 4.2748, -17.8285



195.3160, 0.8302, 13.7549

Square

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



190.3290, 4.2748, -17.8285



193.8670, 8.4466, -2.5144



195.1870, -3.5432, 16.4990



192.7200, -8.7360, 1.9996

Rectangle

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



190.3290, 4.2748, -17.8285



191.7300, 9.5001, -13.7952



195.1870, -3.5432, 16.4990



193.7860, -8.7685, 12.4657

Sweetspot

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



190.3290, 4.2748, -17.8285



252.0100, 1.4741, -6.1478



187.0230, -8.3923, -14.9292



125.9070, 1.0318, -4.3034



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.



190.3290, 4.2748, -17.8285



242.1430, 6.3385, -26.4354



182.1110, 8.3263, -10.6213



96.3090, 1.3267, -5.5330



114.2630, 24.0273, -100.2087



25.2360, 5.3067, -22.1320

Inverse Universe

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



181.9770, 8.3923, 14.9292



229.7590, 12.4438, 22.1364



187.4760, -8.6157, 10.1065



93.7170, 2.6045, 4.6332



67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 190.3290, 4.2748, -17.8285 looks on a white background.

Color Contrast Check

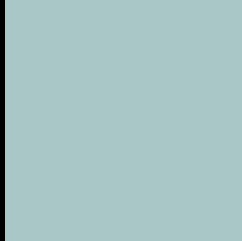
Large Text (above 18pt) WCAG AA × Fail

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 190.3290, 4.2748, -17.8285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

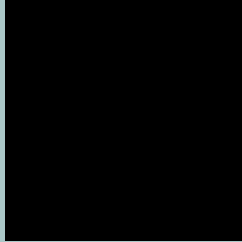
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

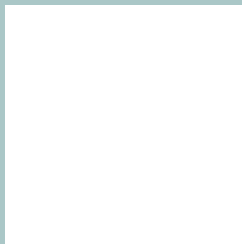
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 190.3290, 4.2748, -17.8285

Background



This preview shows how black text looks on a background with the YUV color 190.3290, 4.2748, -17.8285.



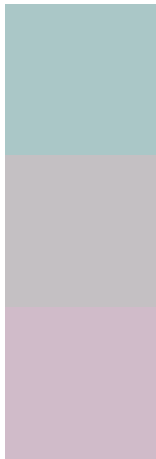
This preview shows how white text looks on a background with the YUV color 190.3290, 4.2748, -17.8285.

-17.8285.

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

190.3290, 4.2748, -17.8285

Protanopia

193.5380, 0.7208, 2.1592

Deuteranopia

194.8750, 3.0196, 11.5106



Tritanopia

191.6480, 10.5265, -16.3543

Trichromacy



Original Color

190.3290, 4.2748, -17.8285

Protanomaly

192.7220, 1.6161, -5.0182

Deuteranomaly

192.9230, 3.4890, 0.9445

Tritanomaly

191.3660, 8.2006, -16.9840

Monochromacy



Original Color

190.3290, 4.2748, -17.8285

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3290, 4.2748, -17.8285 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(170, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(170, 199, 199)  
}
```

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(170, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 199, 199) }
```

Border

The CSS property to change the border of an element to YUV 190.3290, 4.2748, -17.8285 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(170, 199, 199) }
```


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

```
.border{ border-color:rgb(170, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 199, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 199, 199); box-shadow:4px 4px 4px 4px rgb(170, 199, 199) }
```

Background

The CSS property to change the background color of an element to YUV 190.3290, 4.2748, -17.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 199, 199) }
```

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

```
.background{ background-color: rgb(170,  
199, 199) }
```

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