

Converting Colors

YUV(214.8620, 2.5330,
-19.1730)

Have a look what the booklet for
YUV(214.8620, 2.5330, -19.1730)
contains.

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Color

**YUV(214.8620, 2.5330,
-19.1730)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C1E1DC |
| RGB | 193, 225, 220 |
| RGB Percent | 76%, 88%, 86% |
| CMY | 0.2431, 0.1176, 0.1373 |
| CMYK | 0.14, 0.00, 0.02, 0.12 |
| HSL | 171°, 35%, 82% |
| HSV | 171°, 14%, 88% |
| XYZ | 61.8358, 70.3552, 78.0310 |
| YIQ | 214.8620, -17.4670, -8.3390 |

Conversions

Conversions Part 2

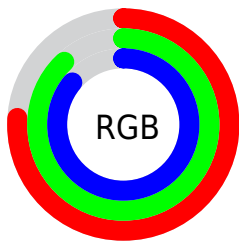
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 193, 210, 225 |
| Decimal | 12706268 |
| CIELab | 87.17, -11.45, -1.10 |
| CIELCh | 87, 11.505, 185.472 |
| Yxy | 70.3552, 0.2941, 0.3347 |
| Android (android.graphics.Color) | 4290896348 (0xFFC1E1DC) |
| YUV | 214.8620, 2.5330, -19.1730 |
| Hunter-Lab | 83.8780, -15.1943, 3.5576 |

Details

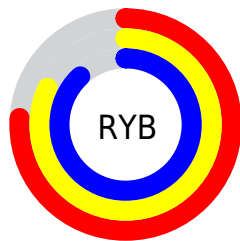
The YUV color $214.8620, 2.5330, -19.1730$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $203.1380, -2.5330, 19.1730$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, 0.7370, -3.0739$, and $160.1610, 2.3856, -18.5582$ is the 20% darker color. If you saturate the color by 10%, you get $207.8280, 4.0288, -32.2982$, and if you desaturate by 10%, it is $222.1950, 0.8899, -5.4330$.

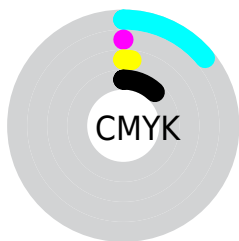
Distribution



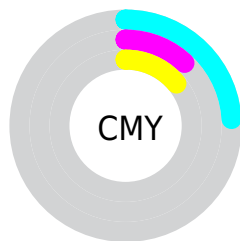
- Red (76%)
- Green (88%)
- Blue (86%)



- Red (76%)
- Yellow (82%)
- Blue (88%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (24%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.8620, 2.5330, -19.1730 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 214.8620, 2.5330, -19.1730 by changing the saturation by 10% instead.

■ 214.8620, 2.5330,
-19.1730

■ 214.8620, 2.5330,
-19.1730

255.0000, 0.0000,
0.0000

■ 187.1610, 2.3856,
-18.5582

■ 253.5050, 0.7370,
-3.0739

■ 160.1610, 2.3856,
-18.5582

■ 133.5740, 2.6750,
-18.0434

■ 108.4600, 2.2382,
-17.9434

■ 84.1720, 2.3802,
-16.8138

■ 60.5850, 2.6696,
-16.2990

■ 38.2860, 2.8170,

-16.9138

■ 18.4710, 2.2328,
-16.1991

■ 0.0000, 0.0000,
0.0000

■ 214.8620, 2.5330,
-19.1730

■ 214.8620, 2.5330,
-19.1730

■ 207.8280, 4.0288,
-32.2982

■ 222.1950, 0.8899,
-5.4330

■ 200.6090, 6.1088,
-46.1381

■ 229.1150, -1.0427,
7.7921

■ 193.2760, 7.7519,
-59.8781

■ 234.6540, -1.8014,
17.8434

■ 186.3560, 9.6845,
-73.1032

■ 234.9960, -0.4910,
17.5435

■ 179.3220, 11.1803,
-86.2284

■ 235.4520, 1.2562,
17.1436

■ 172.1030, 13.2602,
-100.0683

■ 235.7940, 2.5666,
16.8437

■ 164.7700, 14.9034,
-113.8083

■ 236.2500, 4.3137,
16.4438

■ 157.8500, 16.8360,
-127.0335

■ 236.5920, 5.6241,
16.1438

■ 153.7350, 17.8786,
-134.8256

■ 237.0480, 7.3713,
15.7439

Harmonies

Analogous

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



215.4130, -3.1616, -12.6402



214.8620, 2.5330, -19.1730



215.2300, 7.7746, -20.3727

Triad

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



214.8620, 2.5330, -19.1730



219.7860, 7.9935, 2.8187



219.4550, -10.0843, 14.5100

Complementary

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



214.8620, 2.5330, -19.1730



203.1380, -2.5330, 19.1730

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.



220.2860, -7.0430, 19.0432



214.8620, 2.5330, -19.1730



220.7010, 3.5984, 12.5402

Square

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



214.8620, 2.5330, -19.1730



218.4040, 10.6468, -8.2473



220.6540, -1.8014, 17.8434



217.6990, -10.2046, 6.4030

Rectangle

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



214.8620, 2.5330, -19.1730



216.1100, 9.8058, -18.5135



220.6540, -1.8014, 17.8434



219.6940, -9.2161, 16.0544

Sweetspot

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



214.8620, 2.5330, -19.1730



251.7820, 0.6005, -5.9478



213.2790, -9.9975, -13.3997



125.7930, 0.5951, -4.2035



0.0000, 0.0000, 0.0000



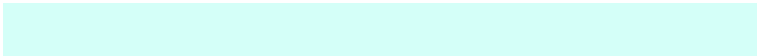
128.0000, 0.0000, 0.0000

Same Dimension

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



214.8620, 2.5330, -19.1730



241.3450, 3.2809, -25.7356



208.9750, 7.9003, -14.0101



108.4830, 0.7479, -6.5626



120.1840, 13.7133, -105.4014



32.8500, 4.0179, -28.8095

Inverse Universe

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



203.1380, -2.5330, 19.1730



225.5410, -3.7177, 25.8355



209.0250, -7.9003, 14.0101



104.5170, -0.7479, 6.5626



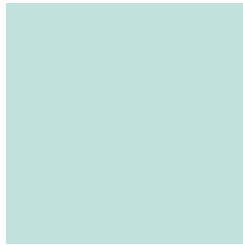
55.7020, -14.1501, 105.5013



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 214.8620, 2.5330, -19.1730 looks on a white background.

Color Contrast Check

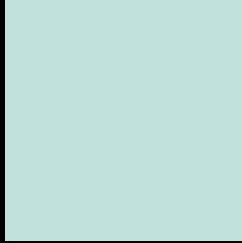
Large Text (above 18pt) WCAG AA × Fail

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 214.8620, 2.5330, -19.1730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

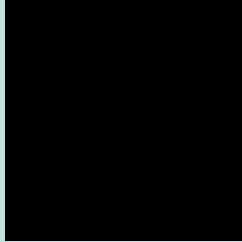
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

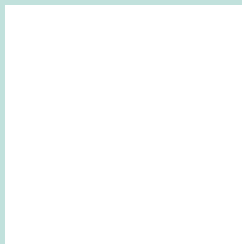
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.8620, 2.5330, -19.1730

Background



This preview shows how black text looks on a background with the YUV color 214.8620, 2.5330, -19.1730.



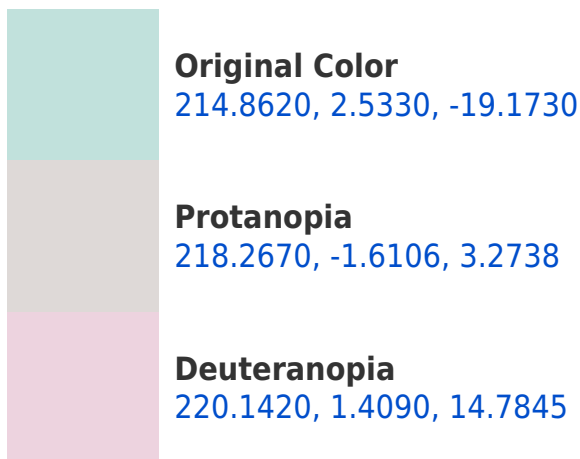
This preview shows how white text looks on a background with the YUV color 214.8620, 2.5330, -19.1730.

-19.1730.

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

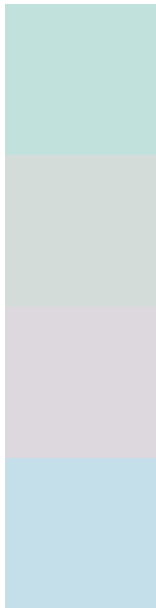




Tritanopia

216.5770, 11.5475, -17.1690

Trichromacy



Original Color

214.8620, 2.5330, -19.1730

Protanomaly

216.9670, 0.0163, -5.2331

Deuteranomaly

218.1790, 1.8838, 2.4740

Tritanomaly

216.0670, 8.3480, -17.5988

Monochromacy



Original Color

214.8620, 2.5330, -19.1730

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.1840, 0.8953, -7.1774

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.8620, 2.5330, -19.1730 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(193, 225, 220)` looks like.

```
.text, #text, p{  
    color:rgb(193, 225, 220)  
}
```

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(193, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 225, 220) }
```

Border

The CSS property to change the border of an element to YUV 214.8620, 2.5330, -19.1730 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(193, 225, 220) }
```


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

```
.border{ border-color:rgb(193, 225, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 225, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 225, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 225, 220);  
box-shadow:4px 4px 4px 4px rgb(193, 225,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 214.8620, 2.5330, -19.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 225, 220) }
```

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

```
.background{ background-color: rgb(193,  
225, 220) }
```

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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