

Converting Colors

YUV(212.1800, -6.4977,
-15.9439)

Have a look what the booklet for
YUV(212.1800, -6.4977, -15.9439)
contains.

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Color

**YUV(212.1800, -6.4977,
-15.9439)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E0C7
RGB	194, 224, 199
RGB Percent	76%, 88%, 78%
CMY	0.2392, 0.1216, 0.2196
CMYK	0.13, 0.00, 0.11, 0.12
HSL	130°, 33%, 82%
HSV	130°, 13%, 88%
XYZ	59.2126, 68.9042, 64.2118
YIQ	212.1800, -9.8550, -14.1350

Conversions

Conversions Part 2

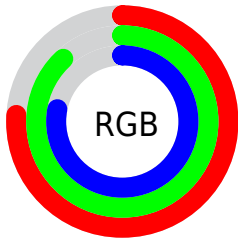
Format	Color
RYB	194, 220, 224
Decimal	12771527
CIELab	86.46, -14.59, 8.93
CIElCh	86, 17.106, 148.529
Yxy	68.9042, 0.3079, 0.3583
Android (android.graphics.Color)	4290961607 (0xFFC2E0C7)
YUV	212.1800, -6.4977, -15.9439
Hunter-Lab	83.0085, -17.9353, 12.2418

Details

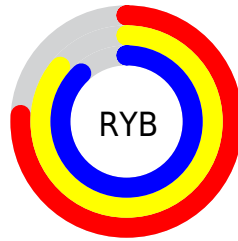
The YUV color $212.1800, -6.4977, -15.9439$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $205.8200, 6.4977, 15.9439$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $157.5930, -6.2083, -15.4291$ is the 20% darker color. If you saturate the color by 10%, you get $203.4360, -11.5539, -27.5694$, and if you desaturate by 10%, it is $220.9240, -1.4415, -4.3183$.

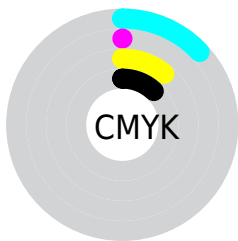
Distribution



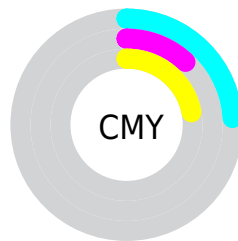
- Red (76%)
- Green (88%)
- Blue (78%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (24%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.1800, -6.4977, -15.9439 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 212.1800, -6.4977, -15.9439 by changing the saturation by 10% instead.

■ 212.1800, -6.4977,
-15.9439

■ 212.1800, -6.4977,
-15.9439

255.0000, 0.0000,
0.0000

■ 184.5930, -6.2083,
-15.4291

■ 253.8040, 0.5896,
-2.4591

■ 157.5930, -6.2083,
-15.4291

■ 131.0060, -5.9190,
-14.9143

■ 106.4190, -5.6296,
-14.3995

■ 81.8320, -5.3402,
-13.8847

■ 58.3590, -4.6140,
-13.4698

■ 36.4730, -4.1772,

-13.5698

■ 15.3760, -7.0874,
-13.4848

■ 0.0000, 0.0000,
0.0000

■ 212.1800, -6.4977,
-15.9439

■ 212.1800, -6.4977,
-15.9439

■ 203.4360,
-11.5539, -27.5694

■ 220.9240, -1.4415,
-4.3183

■ 194.5070,
-16.0260, -39.9096

■ 229.8530, 3.0305,
8.0219

■ 185.7630,
-21.0822, -51.5352

■ 236.8030, 8.9711,
15.9588

■ 176.7200,
-25.9910, -63.7754

■ 168.0900,
-30.6104, -75.5009

■ 159.3460,
-35.6666, -87.1264

■ 150.3030,
-40.5754, -99.3667

■ 141.6730,
-45.1948, -111.0922

■ 135.7060,
-48.6621, -119.0142

Harmonies

Analogous

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



213.9600, -12.7983, -1.7189



212.1800, -6.4977, -15.9439



210.9920, 1.9759, -27.1800

Triad

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



212.1800, -6.4977, -15.9439



215.4400, 16.0521, -15.2949



218.9990, -8.3805, 28.0649

Complementary

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



212.1800, -6.4977, -15.9439



205.8200, 6.4977, 15.9439

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.



219.3390, -0.6601, 25.1357



212.1800, -6.4977, -15.9439



217.8550, 13.3825, 1.0042

Square

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



212.1800, -6.4977, -15.9439



212.7220, 14.9271, -27.8202



219.6350, 7.0819, 15.2291



217.7720, -14.1846, 23.0020

Rectangle

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



212.1800, -6.4977, -15.9439



210.7510, 7.5178, -31.3536



219.6350, 7.0819, 15.2291



218.9820, -5.9071, 28.0798

Sweetspot

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



212.1800, -6.4977, -15.9439



251.0980, -2.0203, -5.3479



219.0850, -12.3669, -0.0745



125.2230, -1.5889, -3.7036



0.0000, 0.0000, 0.0000



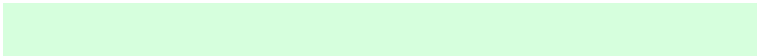
128.0000, 0.0000, 0.0000

Same Dimension

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



212.1800, -6.4977, -15.9439



238.8650, -8.8074, -21.8066



213.8900, 0.0542, -17.4435



107.6850, -2.3097, -5.8627



106.6180, -38.2657, -93.5040



29.0880, -10.3964, -25.5102

Inverse Universe

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



205.8200, 6.4977, 15.9439



230.1350, 8.8074, 21.8066



204.1100, -0.0542, 17.4435



105.3150, 2.3097, 5.8627



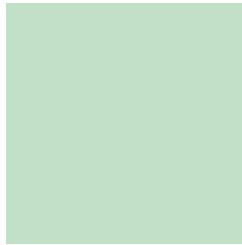
69.3820, 38.2657, 93.5040



18.9120, 10.3964, 25.5102

Previews

White Background



This preview shows how the YUV color 212.1800, -6.4977, -15.9439 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 212.1800, -6.4977, -15.9439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

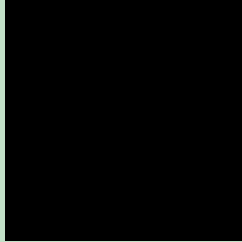
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

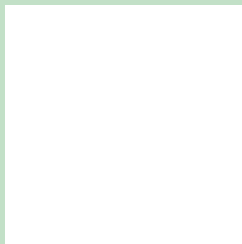
Any Text WCAG AAA ✓ Pass

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

YUV 212.1800, -6.4977, -15.9439 Background



This preview shows how black text looks on a background with the YUV color 212.1800, -6.4977, -15.9439.



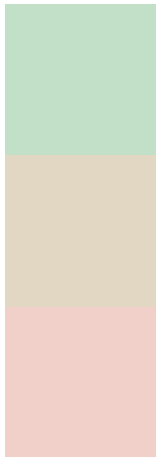
This preview shows how white text looks on a background with the YUV color 212.1800, -6.4977, -15.9439.

-15.9439.

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
Protanopia
Deuteranopia

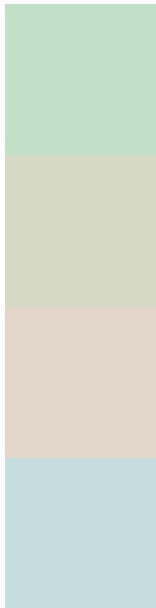
212.1800, -6.4977, -15.9439
215.5960, -10.6468, 8.2473
217.4820, -7.6326, 21.5023



Tritanopia

215.2570, 10.2263, -13.3804

Trichromacy



Original Color

212.1800, -6.4977, -15.9439

Protanomaly

214.2960, -9.0199, -0.2596

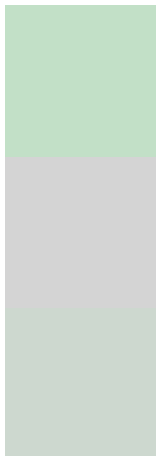
Deuteranomaly

215.8070, -7.2999, 8.0623

Tritanomaly

214.3510, 4.2640, -14.3398

Monochromacy



Original Color

212.1800, -6.4977, -15.9439

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.6850, -2.3097, -5.8627

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.1800, -6.4977, -15.9439 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(194, 224, 199)` looks like.

```
.text, #text, p{  
    color:rgb(194, 224, 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(194, 224, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 224, 199) }
```

Border

The CSS property to change the border of an element to YUV 212.1800, -6.4977, -15.9439 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(194, 224, 199) }
```


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

```
.border{ border-color:rgb(194, 224, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 224, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 224, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 224, 199);  
box-shadow:4px 4px 4px 4px rgb(194, 224,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 212.1800, -6.4977, -15.9439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 224, 199) }
```

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

```
.background{ background-color: rgb(194,  
224, 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](#).

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