

Converting Colors

YUV(216.2380, -1.1033,
-19.5027)

Have a look what the booklet for
YUV(216.2380, -1.1033, -19.5027)
contains.

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Color

**YUV(216.2380, -1.1033,
-19.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E4D6
RGB	194, 228, 214
RGB Percent	76%, 89%, 84%
CMY	0.2392, 0.1059, 0.1608
CMYK	0.15, 0.00, 0.06, 0.11
HSL	155°, 39%, 83%
HSV	155°, 15%, 89%
XYZ	62.1291, 71.8112, 74.2047
YIQ	216.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

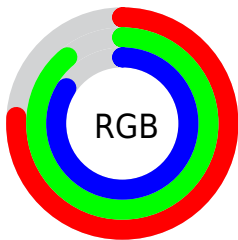
Format	Color
RYB	194, 215, 228
Decimal	12772566
CIELab	87.88, -13.82, 3.10
CIElCh	88, 14.158, 167.368
Yxy	71.8112, 0.2985, 0.3450
Android (android.graphics.Color)	4290962646 (0xFFC2E4D6)
YUV	216.2380, -1.1033, -19.5027
Hunter-Lab	84.7415, -17.4284, 7.4012

Details

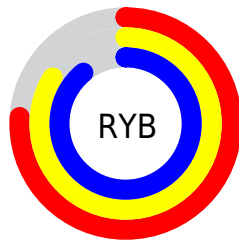
The YUV color $216.2380, -1.1033, -19.5027$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $205.7620, 1.1033, 19.5027$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $161.5370, -1.2507, -18.8879$ is the 20% darker color. If you saturate the color by 10%, you get $208.3350, -1.6442, -32.7428$, and if you desaturate by 10%, it is $224.1410, -0.5625, -6.2627$.

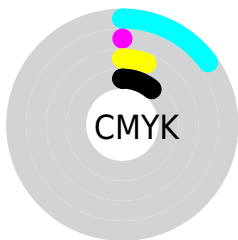
Distribution



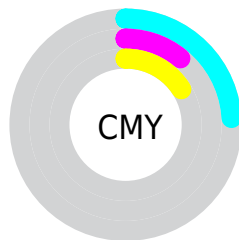
- Red (76%)
- Green (89%)
- Blue (84%)



- Red (76%)
- Yellow (84%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2380, -1.1033, -19.5027 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 216.2380, -1.1033, -19.5027 by changing the saturation by 10% instead.

■ 216.2380, -1.1033,
-19.5027

■ 216.2380, -1.1033,
-19.5027

255.0000, 0.0000,
0.0000

■ 188.5370, -1.2507,
-18.8879

■ 253.8040, 0.5896,
-2.4591

■ 161.5370, -1.2507,
-18.8879

■ 134.9500, -0.9613,
-18.3731

■ 109.3630, -0.6720,
-17.8584

■ 84.7760, -0.3826,
-17.3436

■ 62.0750, -0.5300,
-16.7288

■ 39.1890, -0.0932,

-16.8288

■ 18.4880, -0.2406,
-16.2140

■ 0.0000, 0.0000,
0.0000

■ 216.2380, -1.1033,
-19.5027

■ 216.2380, -1.1033,
-19.5027

■ 208.3350, -1.6442,
-32.7428

■ 224.1410, -0.5625,
-6.2627

■ 200.3180, -2.6218,
-45.8829

■ 232.1580, 0.4151,
6.8774

■ 192.7140, -3.3100,
-58.5082

■ 237.6690, 2.1352,
15.1993

■ 184.6970, -4.2876,
-71.6483

■ 238.8090, 6.5032,
14.1995

■ 176.7940, -4.8284,
-84.8883

■ 239.1510, 7.8136,
13.8996

■ 168.8910, -5.3693,
-98.1284

■ 160.8740, -6.3469,
-111.2685

■ 153.2700, -7.0351,
-123.8938

■ 149.1120, -7.4502,
-130.7712

Harmonies

Analogous

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



217.5830, -7.6824, -9.2813



216.2380, -1.1033, -19.5027



215.7410, 6.0437, -25.2059

Triad

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



216.2380, -1.1033, -19.5027



221.1810, 12.2358, -4.5437



222.3850, -10.5428, 21.5874

Complementary

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



216.2380, -1.1033, -19.5027



205.7620, 1.1033, 19.5027

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.



222.5900, -4.7279, 23.1616



216.2380, -1.1033, -19.5027



222.8190, 7.9772, 8.0517

Square

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



216.2380, -1.1033, -19.5027



218.7450, 13.4367, -16.4394



223.2780, 1.8349, 18.1732



220.3580, -12.9945, 14.5950

Rectangle

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



216.2380, -1.1033, -19.5027



216.0660, 9.8275, -25.4909



223.2780, 1.8349, 18.1732



222.5530, -8.6536, 22.3170

Sweetspot

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



216.2380, -1.1033, -19.5027



251.5540, -0.2731, -5.7479



218.1440, -11.9030, -8.8963



125.5650, -0.2785, -4.0035



0.0000, 0.0000, 0.0000



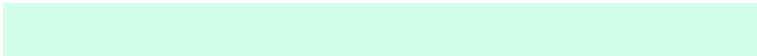
128.0000, 0.0000, 0.0000

Same Dimension

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



216.2380, -1.1033, -19.5027



239.0800, -1.5184, -26.3802



216.0730, 5.8800, -19.3580



110.8420, -0.4151, -6.8774



117.0430, -5.9372, -102.6467



33.3570, -1.6550, -29.2541

Inverse Universe

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



205.7620, 1.1033, 19.5027



224.9200, 1.5184, 26.3802



205.9270, -5.8800, 19.3580



107.1580, 0.4151, 6.8774



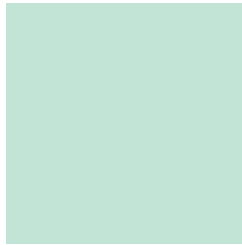
61.9570, 5.9372, 102.6467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 216.2380, -1.1033, -19.5027 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 216.2380, -1.1033, -19.5027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

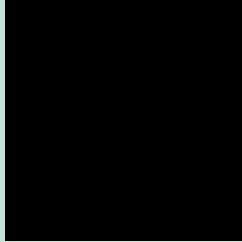
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

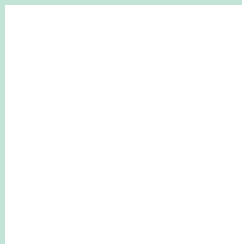
Any Text WCAG AAA ✓ Pass

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

YUV 216.2380, -1.1033, -19.5027 Background



This preview shows how black text looks on a background with the YUV color 216.2380, -1.1033, -19.5027.



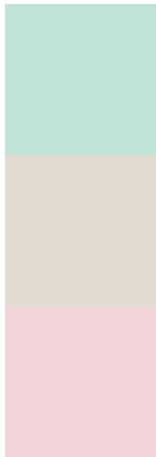
This preview shows how white text looks on a background with the YUV color 216.2380, -1.1033,

-19.5027.

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

216.2380, -1.1033, -19.5027

Protanopia

219.9530, -5.3998, 5.3032

Deuteranopia

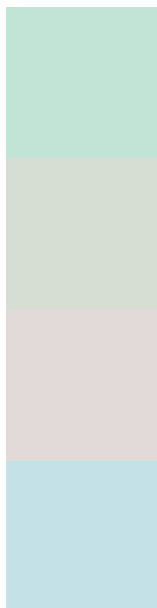
222.1270, -2.5276, 17.4286



Tritanopia

218.5770, 11.5475, -17.1690

Trichromacy



Original Color

216.2380, -1.1033, -19.5027

Protanomaly

218.3540, -3.6255, -3.8185

Deuteranomaly

219.8650, -1.9054, 4.5034

Tritanomaly

217.4260, 7.1850, -17.9136

Monochromacy



Original Color

216.2380, -1.1033, -19.5027

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2380, -1.1033, -19.5027 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, 228, 214)` looks like.

```
.text, #text, p{  
    color:rgb(194, 228, 214)  
}
```

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, 228, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 228, 214) }
```

Border

The CSS property to change the border of an element to YUV 216.2380, -1.1033, -19.5027 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, 228, 214) }
```


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

```
.border{ border-color:rgb(194, 228, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 228, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 228, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 228, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 228,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 216.2380, -1.1033, -19.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 228, 214) }
```

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

```
.background{ background-color: rgb(194,  
228, 214) }
```

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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