

Converting Colors

YUV(216.3860, -5.6133,
-19.6325)

Have a look what the booklet for
YUV(216.3860, -5.6133, -19.6325)
contains.

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Color

**YUV(216.3860, -5.6133,
-19.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E6CD
RGB	194, 230, 205
RGB Percent	76%, 90%, 80%
CMY	0.2392, 0.0980, 0.1961
CMYK	0.16, 0.00, 0.11, 0.10
HSL	138°, 42%, 83%
HSV	138°, 16%, 90%
XYZ	61.5644, 72.4707, 68.5011
YIQ	216.3860, -13.4310, -15.4070

Conversions

Conversions Part 2

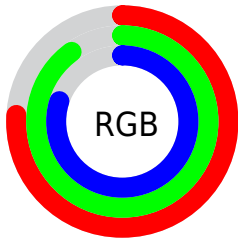
Format	Color
RYB	194, 222, 230
Decimal	12773069
CIELab	88.19, -16.50, 8.27
CIELCh	88, 18.459, 153.373
Yxy	72.4707, 0.3040, 0.3578
Android (android.graphics.Color)	4290963149 (0xFFC2E6CD)
YUV	216.3860, -5.6133, -19.6325
Hunter-Lab	85.1297, -19.8889, 11.8821

Details

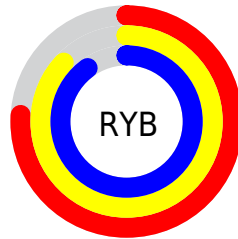
The YUV color $216.3860, -5.6133, -19.6325$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $207.6140, 5.6133, 19.6325$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $161.2120, -5.0345, -18.6029$ is the 20% darker color. If you saturate the color by 10%, you get $207.6850, -9.2117, -32.1727$, and if you desaturate by 10%, it is $225.0870, -2.0149, -7.0923$.

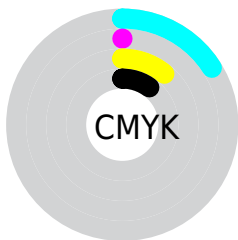
Distribution



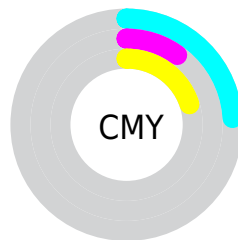
- Red (76%)
- Green (90%)
- Blue (80%)



- Red (76%)
- Yellow (87%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 216.3860, -5.6133, -19.6325 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 216.3860, -5.6133, -19.6325 by changing the saturation by 10% instead.


 216.3860, -5.6133,
-19.6325

 216.3860, -5.6133,
-19.6325

255.0000, 0.0000,
0.0000


 188.7990, -5.3239,
-19.1177


 253.8040, 0.5896,
-2.4591

 161.2120, -5.0345,
-18.6029

 135.2120, -5.0345,
-18.6029

 109.6250, -4.7451,
-18.0881

 85.0380, -4.4557,
-17.5733

 61.4510, -4.1663,
-17.0585

 38.9780, -3.4402,

-16.6437

■ 18.6360, -4.7505,
-16.3438

■ 0.0000, 0.0000,
0.0000

■ 216.3860, -5.6133,
-19.6325

■ 216.3860, -5.6133,
-19.6325

■ 207.6850, -9.2117,
-32.1727

■ 225.0870, -2.0149,
-7.0923

■ 198.9840,
-12.8101, -44.7130

■ 233.7880, 1.5835,
5.4479

■ 190.2830,
-16.4085, -57.2532

■ 240.0970, 6.3612,
13.0699

■ 181.5820,
-20.0069, -69.7934

■ 240.3250, 7.2348,
12.8700

■ 172.8810,
-23.6053, -82.3336

■ 164.1800,
-27.2037, -94.8739

■ 155.4790,
-30.8021, -107.4141

■ 146.7780,
-34.4006, -119.9543

■ 142.9900,
-35.9841, -125.4022

Harmonies

Analogous

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



218.5360, -13.0822, -3.9781



216.3860, -5.6133, -19.6325



215.4260, 3.7340, -31.0686

Triad

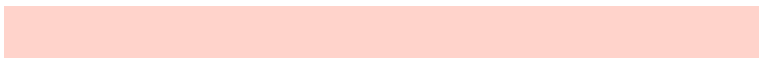
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216.3860, -5.6133, -19.6325



220.3800, 17.0677, -14.3653



223.2440, -9.9803, 27.8500

Complementary

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



216.3860, -5.6133, -19.6325



207.6140, 5.6133, 19.6325

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.



224.0080, -1.9759, 27.1800



216.3860, -5.6133, -19.6325



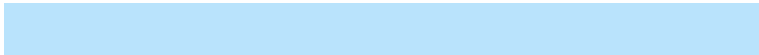
223.2790, 13.6665, 3.2633

Square

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



216.3860, -5.6133, -19.6325



217.2920, 17.1110, -28.3201



224.4290, 6.1975, 18.9178



222.3160, -15.9318, 23.4019

Rectangle

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



216.3860, -5.6133, -19.6325



214.5980, 9.5652, -34.7274



224.4290, 6.1975, 18.9178



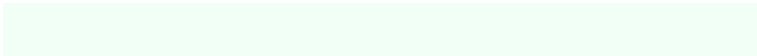
223.2270, -7.5069, 27.8649

Sweetspot

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



216.3860, -5.6133, -19.6325



250.0870, -2.0149, -7.0923



222.6070, -14.1033, -3.1633



124.9240, -1.4415, -4.3183



0.0000, 0.0000, 0.0000



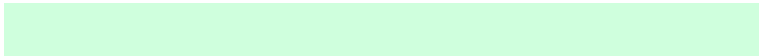
128.0000, 0.0000, 0.0000

Same Dimension

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



216.3860, -5.6133, -19.6325



236.7720, -7.7756, -26.1100



218.4380, 2.2491, -21.4321



110.5000, -1.7255, -6.5775



111.3430, -27.7771, -97.6478



31.7610, -7.7702, -27.8544

Inverse Universe

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



207.6140, 5.6133, 19.6325



225.1140, 7.3388, 26.2100



205.5620, -2.2491, 21.4321



107.5000, 1.7255, 6.5775



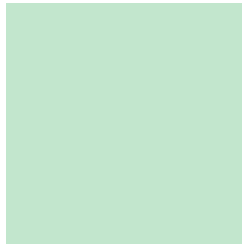
67.6570, 27.7771, 97.6478



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 216.3860, -5.6133, -19.6325 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 216.3860, -5.6133, -19.6325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

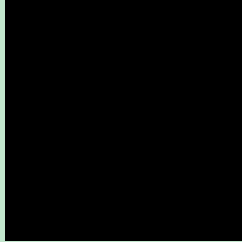
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

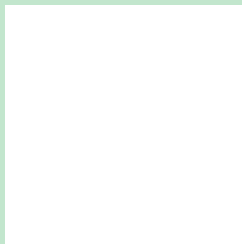
Any Text WCAG AAA ✓ Pass

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

YUV 216.3860, -5.6133, -19.6325 Background



This preview shows how black text looks on a background with the YUV color 216.3860, -5.6133, -19.6325.



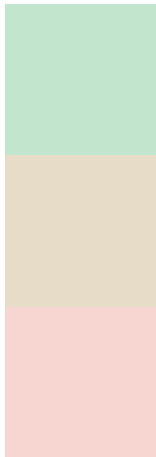
This preview shows how white text looks on a background with the YUV color 216.3860, -5.6133,

-19.6325.

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

216.3860, -5.6133, -19.6325

Protanopia

220.7100, -10.2100, 8.1473

Deuteranopia

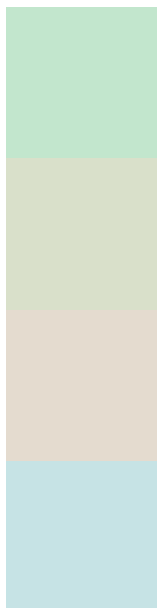
222.5960, -7.1958, 21.4023



Tritanopia

219.4630, 11.1107, -17.0691

Trichromacy



Original Color

216.3860, -5.6133, -19.6325

Protanomaly

219.3990, -8.5777, -2.1039

Deuteranomaly

220.3230, -6.5682, 6.7327

Tritanomaly

218.5570, 5.1484, -18.0285

Monochromacy



Original Color

216.3860, -5.6133, -19.6325

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0870, -2.0149, -7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3860, -5.6133, -19.6325 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, 230, 205)` looks like.

```
.text, #text, p{  
    color:rgb(194, 230, 205)  
}
```

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, 230, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 230, 205) }
```

Border

The CSS property to change the border of an element to YUV 216.3860, -5.6133, -19.6325 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, 230, 205) }
```


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

```
.border{ border-color:rgb(194, 230, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 230, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 230, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 230, 205);  
box-shadow:4px 4px 4px 4px rgb(194, 230,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 216.3860, -5.6133, -19.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 230, 205) }
```

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

```
.background{ background-color: rgb(194,  
230, 205) }
```

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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