

Converting Colors

YUV(217.9380, -16.2384,
-18.3626)

Have a look what the booklet for
YUV(217.9380, -16.2384, -18.3626)
contains.

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Color

**YUV(217.9380, -16.2384,
-18.3626)**

Conversions

Conversions Part 1

Format	Color
Hex	C5EBB9
RGB	197, 235, 185
RGB Percent	77%, 92%, 73%
CMY	0.2275, 0.0784, 0.2745
CMYK	0.16, 0.00, 0.21, 0.08
HSL	106°, 56%, 82%
HSV	106°, 21%, 92%
XYZ	61.4912, 74.7898, 57.0939
YIQ	217.9380, -6.5980, -23.6060

Conversions

Conversions Part 2

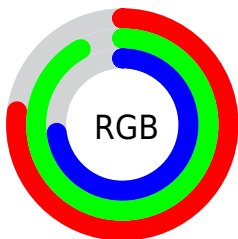
Format	Color
RYB	185, 235, 223
Decimal	12970937
CIELab	89.29, -21.41, 20.26
CIELCh	89, 29.482, 136.578
Yxy	74.7898, 0.3180, 0.3868
Android (android.graphics.Color)	4291161017 (0xFFC5EBB9)
YUV	217.9380, -16.2384, -18.3626
Hunter-Lab	86.4811, -24.4218, 21.3941

Details

The YUV color $217.9380, -16.2384, -18.3626$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $202.0620, 16.2384, 18.3626$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.1050, -5.9678, 0.7849$, and $162.8780, -15.2229, -17.4330$ is the 20% darker color. If you saturate the color by 10%, you get $209.9340, -23.6315, -27.1291$, and if you desaturate by 10%, it is $226.0560, -8.4086, -9.6961$.

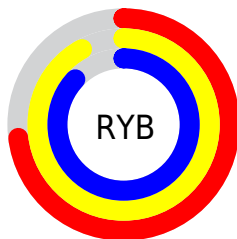
Distribution



Red (77%)

Green (92%)

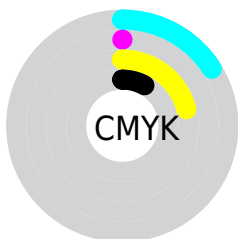
Blue (73%)



Red (73%)

Yellow (92%)

Blue (87%)

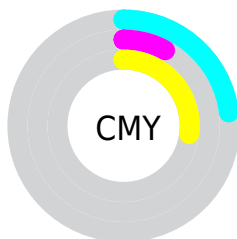


Cyan (16%)

Magenta (0%)

Yellow (21%)

Black (8%)



Cyan (23%)

Magenta (8%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.9380, -16.2384, -18.3626 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 217.9380, -16.2384, -18.3626 by changing the saturation by 10% instead.

■ 217.9380,
-16.2384, -18.3626

■ 217.9380,
-16.2384, -18.3626

255.0000, 0.0000,
0.0000

■ 190.0520,
-15.8016, -18.4626

■ 253.1050, -5.9678,
0.7849

■ 162.8780,
-15.2229, -17.4330

■ 136.2910,
-14.9335, -16.9182

■ 110.5190,
-14.0599, -17.1182

■ 86.0460, -13.3337,
-16.7033

■ 62.4590, -13.0443,
-16.1885

■ 39.3880, -12.0233,

-17.0033

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 217.9380,
-16.2384, -18.3626

■ 217.9380,
-16.2384, -18.3626

■ 209.9340,
-23.6315, -27.1291

■ 226.0560, -8.4086,
-9.6961

■ 201.8160,
-31.4613, -35.7956

■ 234.0600, -1.0156,
-0.9296

■ 193.8120,
-38.8543, -44.5621

■ 242.0640, 6.3774,
7.8369

■ 185.9930,
-46.8315, -52.6139

■ 243.2600, 5.7878,
10.2960

■ 177.9890,
-54.2246, -61.3804

■ 169.8710,
-62.0544, -70.0469

■ 161.8670,
-69.4474, -78.8134

■ 154.6890,
-76.2617, -86.5503

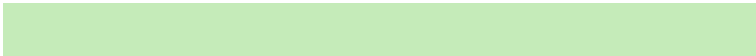
Harmonies

Analogous

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



221.6870, -25.4817, 6.4135



217.9380, -16.2384, -18.3626



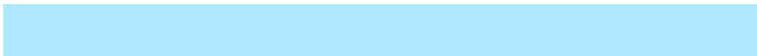
213.8670, -1.9064, -41.9794

Triad

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



217.9380, -16.2384, -18.3626



216.6930, 18.8854, -37.4418



219.9330, -4.8970, 30.7538

Complementary

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



217.9380, -16.2384, -18.3626



202.0620, 16.2384, 18.3626

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.



223.7120, 7.0440, 27.4396



217.9380, -16.2384, -18.3626



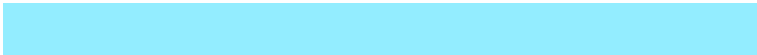
222.7720, 15.8884, -9.4470

Square

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



217.9380, -16.2384, -18.3626



212.1420, 21.1290, -57.1295



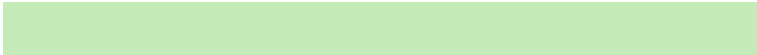
227.6660, 13.4757, 17.8329



220.0180, -17.2639, 30.6792

Rectangle

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



217.9380, -16.2384, -18.3626



211.9500, 8.8987, -54.3301



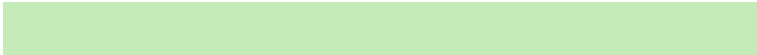
227.6660, 13.4757, 17.8329



220.9590, -0.9658, 29.8540

Sweetspot

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



217.9380, -16.2384, -18.3626



249.7020, -4.7831, -5.8777



221.6690, -18.0778, 11.6913



124.8810, -2.8993, -3.4036



0.0000, 0.0000, 0.0000



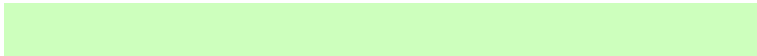
128.0000, 0.0000, 0.0000

Same Dimension

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



217.9380, -16.2384, -18.3626



232.5260, -21.4583, -24.1403



215.8320, -8.7912, -27.0397



113.0550, -3.4781, -4.4332



119.1040, -58.7183, -66.7432



35.5850, -17.5434, -19.8070

Inverse Universe

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



202.0620, 16.2384, 18.3626



211.4740, 21.4583, 24.1403



204.1680, 8.7912, 27.0397



109.6460, 3.6255, 3.8185



61.8960, 58.7183, 66.7432



18.4150, 17.5434, 19.8070

Previews

White Background



This preview shows how the YUV color 217.9380, -16.2384, -18.3626 looks on a white background.

Color Contrast Check

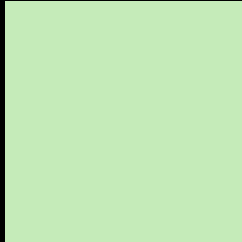
Large Text (above 18pt) WCAG AA × Fail

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 217.9380, -16.2384, -18.3626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

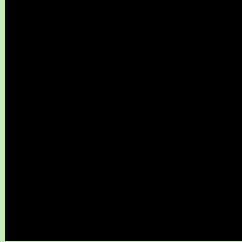
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

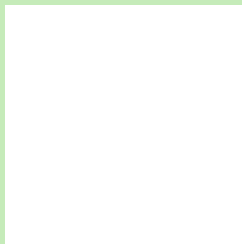
Any Text WCAG AAA ✓ Pass

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

YUV 217.9380, -16.2384, -18.3626 Background



This preview shows how black text looks on a background with the YUV color 217.9380, -16.2384, -18.3626.



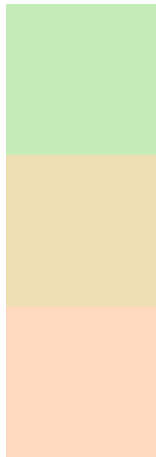
This preview shows how white text looks on a background with the YUV color 217.9380, -16.2384, -18.3626.

-18.3626.

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

217.9380, -16.2384, -18.3626

Protanopia

222.4690, -21.4302, 13.6207

Deuteranopia

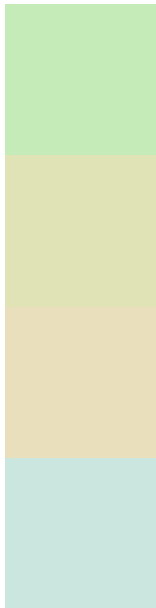
224.9250, -16.2320, 26.3758



Tritanopia

223.0720, 10.8105, -14.0951

Trichromacy



Original Color

217.9380, -16.2384, -18.3626

Protanomaly

220.5600, -19.5031, 2.1399

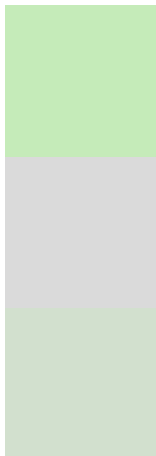
Deuteranomaly

222.4130, -16.4726, 10.1618

Tritanomaly

221.1290, 0.9224, -15.8991

Monochromacy



Original Color

217.9380, -16.2384, -18.3626

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.7620, -5.7987, -6.8073

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.9380, -16.2384, -18.3626 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(197, 235, 185)` looks like.

```
.text, #text, p{  
    color:rgb(197, 235, 185)  
}
```

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(197, 235, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 235, 185) }
```

Border

The CSS property to change the border of an element to YUV 217.9380, -16.2384, -18.3626 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(197, 235, 185) }
```


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

```
.border{ border-color:rgb(197, 235, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 235, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 235, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 235, 185);  
box-shadow:4px 4px 4px 4px rgb(197, 235,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 217.9380, -16.2384, -18.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 235, 185) }
```

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

```
.background{ background-color: rgb(197,  
235, 185) }
```

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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