

Converting Colors

YUV(213.3230, -13.4702,
-19.5773)

Have a look what the booklet for
YUV(213.3230, -13.4702, -19.5773)
contains.

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Color

**YUV(213.3230, -13.4702,
-19.5773)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE6BA
RGB	191, 230, 186
RGB Percent	75%, 90%, 73%
CMY	0.2510, 0.0980, 0.2706
CMYK	0.17, 0.00, 0.19, 0.10
HSL	113°, 47%, 82%
HSV	113°, 19%, 90%
XYZ	58.6456, 71.2152, 57.1093
YIQ	213.3230, -9.1200, -21.9520

Conversions

Conversions Part 2

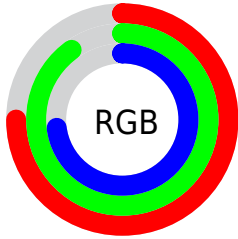
Format	Color
RYB	186, 230, 225
Decimal	12576442
CIELab	87.59, -20.84, 17.31
CIELCh	88, 27.092, 140.286
Yxy	71.2152, 0.3137, 0.3809
Android (android.graphics.Color)	4290766522 (0xFFBFE6BA)
YUV	213.3230, -13.4702, -19.5773
Hunter-Lab	84.3891, -23.6336, 18.9485

Details

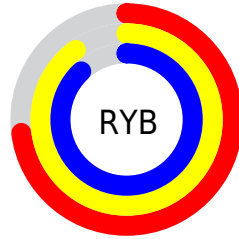
The YUV color **213.3230, -13.4702, -19.5773** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **202.6770, 13.4702, 19.5773**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4250, -4.6465, -3.0037**, and **158.2630, -12.4547, -18.6477** is the 20% darker color. If you saturate the color by 10%, you get **204.7210, -20.5685, -29.5733**, and if you desaturate by 10%, it is **221.9250, -6.3720, -9.5812**.

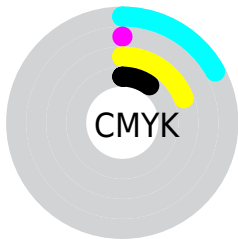
Distribution



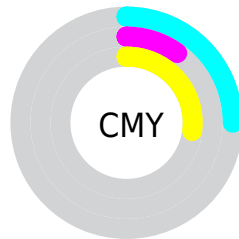
- Red (75%)
- Green (90%)
- Blue (73%)



- Red (73%)
- Yellow (90%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.3230, -13.4702, -19.5773 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 213.3230, -13.4702, -19.5773 by changing the saturation by 10% instead.

■ 213.3230,
-13.4702, -19.5773

■ 213.3230,
-13.4702, -19.5773

255.0000, 0.0000,
0.0000

■ 185.7360,
-13.1808, -19.0625

■ 251.4250, -4.6465,
-3.0037

■ 158.2630,
-12.4547, -18.6477

■ 132.2630,
-12.4547, -18.6477

■ 106.7900,
-11.7285, -18.2328

■ 82.3170, -11.0023,
-17.8180

■ 58.8440, -10.2761,
-17.4032

■ 36.0720, -9.4025,

-17.6031

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 213.3230,
-13.4702, -19.5773

■ 213.3230,
-13.4702, -19.5773

■ 204.7210,
-20.5685, -29.5733

■ 221.9250, -6.3720,
-9.5812

■ 195.8200,
-27.5193, -40.1841

■ 230.8260, 0.5788,
1.0296

■ 187.2180,
-34.6175, -50.1802

■ 239.4280, 7.6770,
11.0256

■ 178.3170,
-41.5683, -60.7910

■ 240.3250, 7.2348,
12.8700

■ 169.7150,
-48.6665, -70.7871

■ 161.1130,
-55.7647, -80.7831

■ 152.2120,
-62.7155, -91.3939

■ 143.6100,
-69.8137, -101.3900

■ 142.7840,
-70.3925, -102.4196

Harmonies

Analogous

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



216.1750, -22.2713, 3.3545



213.3230, -13.4702, -19.5773



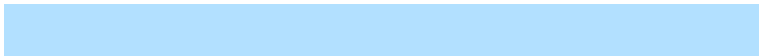
210.3340, -0.1647, -40.6349

Triad

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



213.3230, -13.4702, -19.5773



213.7800, 20.3215, -31.3791



217.9610, -7.3758, 32.4832

Complementary

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



213.3230, -13.4702, -19.5773



202.6770, 13.4702, 19.5773

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.



220.9250, 3.9810, 29.8838



213.3230, -13.4702, -19.5773



219.5490, 17.4773, -5.7435

Square

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



213.3230, -13.4702, -19.5773



210.1150, 22.1283, -50.9669



223.6060, 14.4912, 18.7625



218.3880, -18.4323, 32.1087

Rectangle

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



213.3230, -13.4702, -19.5773



208.4990, 9.6140, -50.4266



223.6060, 14.4912, 18.7625



218.2860, -3.5920, 32.1982

Sweetspot

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



213.3230, -13.4702, -19.5773



249.1040, -4.4883, -7.1072



222.0490, -17.7722, 6.9730



124.5820, -2.7519, -4.0184



0.0000, 0.0000, 0.0000



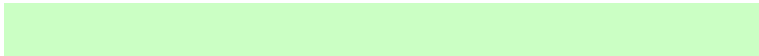
128.0000, 0.0000, 0.0000

Same Dimension

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



213.3230, -13.4702, -19.5773



232.7260, -18.1059, -26.0697



213.7660, -5.3076, -24.3508



110.6420, -3.7675, -4.9480



111.0530, -54.7491, -79.8535



31.7310, -15.6434, -22.5661

Inverse Universe

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



202.6770, 13.4702, 19.5773



218.2740, 18.1059, 26.0697



202.2340, 5.3076, 24.3508



107.3580, 3.7675, 4.9480



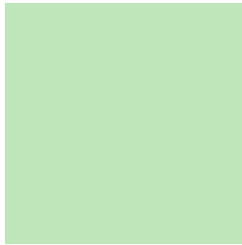
67.6480, 54.8965, 79.2387



19.2690, 15.6434, 22.5661

Previews

White Background



This preview shows how the YUV color 213.3230, -13.4702, -19.5773 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 213.3230, -13.4702, -19.5773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

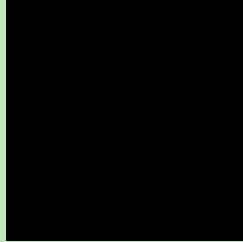
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

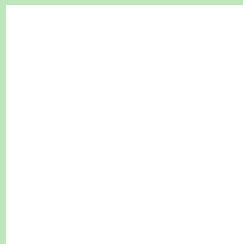
Any Text WCAG AAA ✓ Pass

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

YUV 213.3230, -13.4702, -19.5773 Background



This preview shows how black text looks on a background with the YUV color 213.3230, -13.4702, -19.5773.



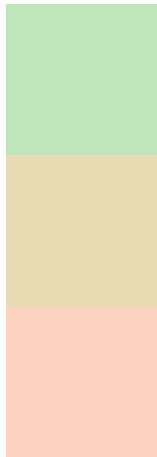
This preview shows how white text looks on a background with the YUV color 213.3230, -13.4702, -19.5773.

-19.5773.

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

213.3230, -13.4702, -19.5773

Protanopia

218.4410, -18.9514, 11.8912

Deuteranopia

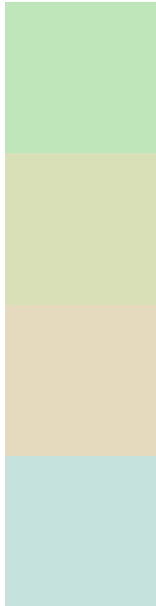
220.5660, -15.0690, 26.6906



Tritanopia

218.0610, 10.8159, -15.8395

Trichromacy



Original Color

213.3230, -13.4702, -19.5773

Protanomaly

216.5320, -17.0243, 0.4104

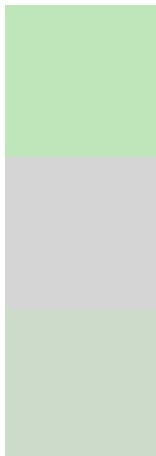
Deuteranomaly

217.9830, -14.2886, 9.6619

Tritanomaly

216.6450, 1.6540, -17.2287

Monochromacy



Original Color

213.3230, -13.4702, -19.5773

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.9900, -4.9251, -7.0072

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.3230, -13.4702, -19.5773 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(191, 230, 186)` looks like.

```
.text, #text, p{  
    color:rgb(191, 230, 186)  
}
```

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(191, 230, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 230, 186) }
```

Border

The CSS property to change the border of an element to YUV 213.3230, -13.4702, -19.5773 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(191, 230, 186) }
```


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

```
.border{ border-color:rgb(191, 230, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 230, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 230, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 230, 186); box-shadow:4px 4px 4px 4px rgb(191, 230, 186) }
```

Background

The CSS property to change the background color of an element to YUV 213.3230, -13.4702, -19.5773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 230, 186) }
```

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

```
.background{ background-color: rgb(191,  
230, 186) }
```

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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