

Converting Colors

YUV(213.3370, -4.6031,
-16.9585)

Have a look what the booklet for
YUV(213.3370, -4.6031, -16.9585)
contains.

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Color

**YUV(213.3370, -4.6031,
-16.9585)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E1CC
RGB	194, 225, 204
RGB Percent	76%, 88%, 80%
CMY	0.2392, 0.1176, 0.2000
CMYK	0.14, 0.00, 0.09, 0.12
HSL	139°, 34%, 82%
HSV	139°, 14%, 88%
XYZ	60.0724, 69.6794, 67.4101
YIQ	213.3370, -11.7350, -13.1030

Conversions

Conversions Part 2

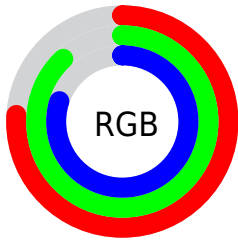
Format	Color
RYB	194, 217, 225
Decimal	12771788
CIELab	86.84, -14.18, 6.85
CIElCh	87, 15.751, 154.217
Yxy	69.6794, 0.3047, 0.3534
Android (android.graphics.Color)	4290961868 (0xFFC2E1CC)
YUV	213.3370, -4.6031, -16.9585
Hunter-Lab	83.4742, -17.6218, 10.5520

Details

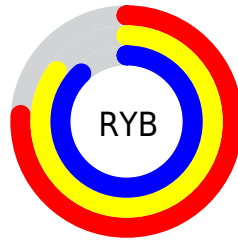
The YUV color $213.3370, -4.6031, -16.9585$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $205.6630, 4.6031, 16.9585$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $158.7500, -4.3137, -16.4437$ is the 20% darker color. If you saturate the color by 10%, you get $205.0490, -7.9122, -28.9840$, and if you desaturate by 10%, it is $221.9240, -1.4415, -4.3183$.

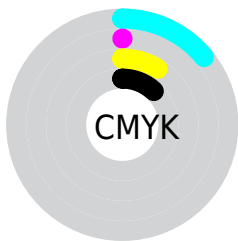
Distribution



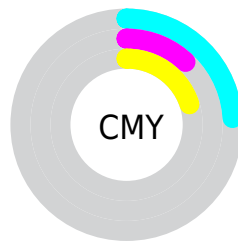
- Red (76%)
- Green (88%)
- Blue (80%)



- Red (76%)
- Yellow (85%)
- Blue (88%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (12%)



- Cyan (24%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.3370, -4.6031, -16.9585 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 213.3370, -4.6031, -16.9585 by changing the saturation by 10% instead.

■ 213.3370, -4.6031,
-16.9585

■ 213.3370, -4.6031,
-16.9585

255.0000, 0.0000,
0.0000

■ 185.7500, -4.3137,
-16.4438

■ 253.8040, 0.5896,
-2.4591

■ 158.7500, -4.3137,
-16.4437

■ 132.1630, -4.0244,
-15.9290

■ 106.8750, -3.8824,
-14.7994

■ 82.8750, -3.8824,
-14.7994

■ 59.4020, -3.1562,
-14.3846

■ 37.4020, -3.1562,

-14.3846

■ 16.7610, -4.3192,
-14.6994

■ 0.0000, 0.0000,
0.0000

■ 213.3370, -4.6031,
-16.9585

■ 213.3370, -4.6031,
-16.9585

■ 205.0490, -7.9122,
-28.9840

■ 221.9240, -1.4415,
-4.3183

■ 196.4620,
-11.0738, -41.6242

■ 230.2120, 1.8675,
7.7071

■ 187.7610,
-14.6722, -54.1644

■ 236.8200, 6.4977,
15.9439

■ 179.4730,
-17.9812, -66.1898

■ 237.3900, 8.6817,
15.4440

■ 171.1850,
-21.2902, -78.2152

■ 162.5980,
-24.4518, -90.8554

■ 153.8970,
-28.0502, -103.3957

■ 145.6090,
-31.3592, -115.4211

■ 140.3970,
-33.2267, -123.1282

Harmonies

Analogous

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



215.4050, -11.0457, -3.8632



213.3370, -4.6031, -16.9585



212.0460, 3.4283, -26.3503

Triad

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



213.3370, -4.6031, -16.9585



217.1200, 14.7308, -11.5062



219.4610, -9.1013, 25.9057

Complementary

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



213.3370, -4.6031, -16.9585



205.6630, 4.6031, 16.9585

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.



220.2850, -2.1125, 24.3061



213.3370, -4.6031, -16.9585



219.2960, 11.1931, 3.2484

Square

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



213.3370, -4.6031, -16.9585



214.9290, 14.3320, -23.6167



220.4780, 5.1873, 16.2438



218.2770, -13.4476, 19.9281

Rectangle

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



213.3370, -4.6031, -16.9585



212.2890, 8.2385, -29.1945



220.4780, 5.1873, 16.2438



220.3300, -7.0647, 26.0206

Sweetspot

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



213.3370, -4.6031, -16.9585



251.2120, -1.5835, -5.4479



218.4760, -12.0667, -3.0485



125.3370, -1.1521, -3.8035



0.0000, 0.0000, 0.0000



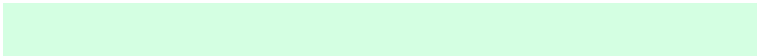
128.0000, 0.0000, 0.0000

Same Dimension

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



213.3370, -4.6031, -16.9585



238.8370, -6.3286, -23.5360



215.0470, 1.9488, -18.4582



107.9130, -1.4361, -6.0627



109.8100, -26.0353, -96.3034



30.0000, -6.9020, -26.3100

Inverse Universe

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



205.6630, 4.6031, 16.9585



228.1630, 6.3286, 23.5360



203.9530, -1.9488, 18.4582



105.2010, 1.8729, 5.9627



66.1900, 26.0353, 96.3034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 213.3370, -4.6031, -16.9585 looks on a white background.

Color Contrast Check

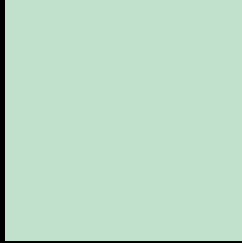
Large Text (above 18pt) WCAG AA × Fail

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 213.3370, -4.6031, -16.9585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

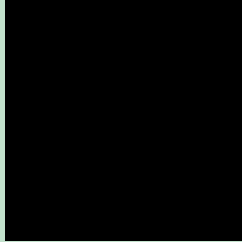
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

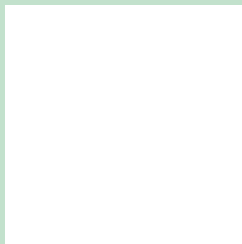
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.3370, -4.6031, -16.9585

Background



This preview shows how black text looks on a background with the YUV color 213.3370, -4.6031, -16.9585.



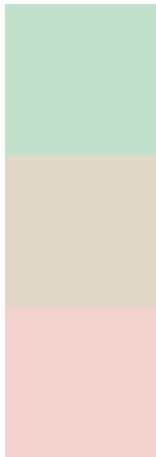
This preview shows how white text looks on a background with the YUV color 213.3370, -4.6031, -16.9585.

-16.9585.

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

213.3370, -4.6031, -16.9585

Protanopia

216.7530, -8.7522, 7.2326

Deuteranopia

219.2260, -6.0274, 19.9728



Tritanopia

216.0720, 10.8105, -14.0951

Trichromacy



Original Color

213.3370, -4.6031, -16.9585

Protanomaly

215.4530, -7.1253, -1.2743

Deuteranomaly

216.9640, -5.4053, 7.0476

Tritanomaly

215.2800, 5.2850, -15.1546

Monochromacy



Original Color

213.3370, -4.6031, -16.9585

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.9130, -1.4361, -6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.3370, -4.6031, -16.9585 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, 225, 204)` looks like.

```
.text, #text, p{  
    color:rgb(194, 225, 204)  
}
```

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, 225, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 225, 204) }
```

Border

The CSS property to change the border of an element to YUV 213.3370, -4.6031, -16.9585 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, 225, 204) }
```


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

```
.border{ border-color:rgb(194, 225, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 225, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 225, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 225, 204);  
box-shadow:4px 4px 4px 4px rgb(194, 225,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 213.3370, -4.6031, -16.9585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 225, 204) }
```

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

```
.background{ background-color: rgb(194,  
225, 204) }
```

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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