

Converting Colors

YUV(209.8370, 17.3354,
-6.8730)

Have a look what the booklet for
YUV(209.8370, 17.3354, -6.8730)
contains.

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Color

**YUV(209.8370, 17.3354,
-6.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	CACFF5
RGB	202, 207, 245
RGB Percent	79%, 81%, 96%
CMY	0.2078, 0.1882, 0.0392
CMYK	0.18, 0.16, 0.00, 0.04
HSL	233°, 68%, 88%
HSV	233°, 18%, 96%
XYZ	63.1514, 63.7748, 95.3675
YIQ	209.8370, -15.1780, 10.7580

Conversions

Conversions Part 2

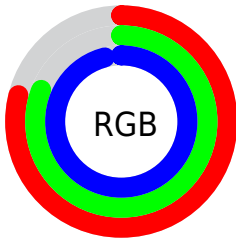
Format	Color
R _Y B	202, 206, 245
Decimal	13291509
CIE Lab	83.85, 5.92, -19.20
CIE LCh	84, 20.096, 287.129
Yxy	63.7748, 0.2841, 0.2869
Android (android.graphics.Color)	4291481589 (0xFFCACFF5)
YUV	209.8370, 17.3354, -6.8730
Hunter-Lab	79.8591, 1.4017, -14.9026

Details

The YUV color $209.8370, 17.3354, -6.8730$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $237.1630, -17.3354, 6.8730$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $155.6090, 16.4618, -6.6731$ is the 20% darker color. If you saturate the color by 10%, you get $189.7470, 27.2397, -10.3021$, and if you desaturate by 10%, it is $230.2260, 7.2836, -2.8292$.

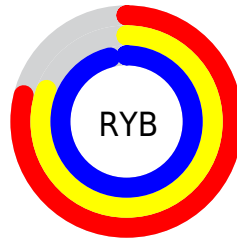
Distribution



Red (79%)

Green (81%)

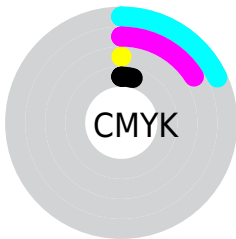
Blue (96%)



Red (79%)

Yellow (81%)

Blue (96%)

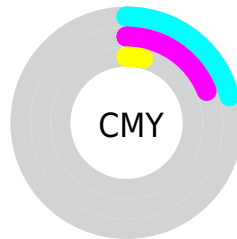


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (19%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.8370, 17.3354, -6.8730 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 209.8370, 17.3354, -6.8730 by changing the saturation by 10% instead.

■ 209.8370, 17.3354,
-6.8730

■ 209.8370, 17.3354,
-6.8730

255.0000, 0.0000,
0.0000

■ 182.4240, 17.0460,
-7.3878

■ 155.6090, 16.4618,
-6.6731

■ 129.1960, 16.1724,
-7.1879

■ 103.9680, 15.2988,
-6.9879

■ 79.8540, 14.8620,
-6.8880

■ 56.3270, 14.1358,
-7.3028

■ 34.5010, 13.5570,

-8.3324

■ 12.5010, 13.5570,
-8.3324

■ 2.7530, 8.0098,
-2.4144

■ 209.8370, 17.3354,
-6.8730

■ 209.8370, 17.3354,
-6.8730

■ 189.7470, 27.2397,
-10.3021

■ 230.2260, 7.2836,
-2.8292

■ 169.9450, 37.0021,
-14.8608

■ 249.7290, -2.3314,
1.1147

■ 149.8550, 46.9065,
-18.2898

■ 253.8600, -4.3680,
0.9998

■ 129.4660, 56.9583,
-22.3337

■ 109.9630, 66.5732,
-26.2776

■ 89.5740, 76.6250,
-30.3214

■ 69.1850, 86.6768,
-34.3652

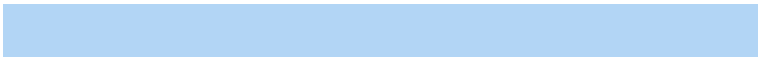
■ 49.6820, 96.2918,
-38.3091

■ 44.3660, 98.9126,
-38.9090

Harmonies

Analogous

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



206.1830, 19.1368, -24.7165



209.8370, 17.3354, -6.8730



212.3510, 11.1660, 11.9702

Triad

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



209.8370, 17.3354, -6.8730



210.8160, -14.2063, 29.9794



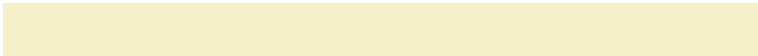
203.0690, -1.5130, -28.1245

Complementary

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



209.8370, 17.3354, -6.8730



237.1630, -17.3354, 6.8730

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.



204.7630, -10.7292, -12.0702



209.8370, 17.3354, -6.8730



209.4250, -17.9575, 19.7983

Square

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



209.8370, 17.3354, -6.8730



212.1890, -6.5022, 32.2832



206.9670, -16.7457, 4.4139



201.9460, 8.4076, -36.7866

Rectangle

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



209.8370, 17.3354, -6.8730



212.9240, 5.4605, 21.9917



206.9670, -16.7457, 4.4139



203.5920, -4.7289, -23.3212

Sweetspot

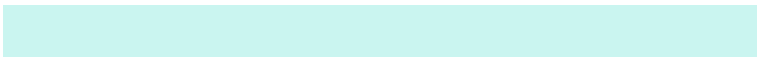
The Sweet Spot groups the original color and five complimentary colors.



209.8370, 17.3354, -6.8730



244.6560, 5.0996, -2.3293



231.5730, 4.1545, -25.9355



121.4990, 3.2050, -1.3146



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.



209.8370, 17.3354, -6.8730



211.2650, 21.5614, -9.0024



211.6860, 16.4238, 5.5374



112.5420, 4.6628, -2.2293



34.1180, 74.8778, -29.9215



10.8350, 23.7453, -9.5023

Inverse Universe

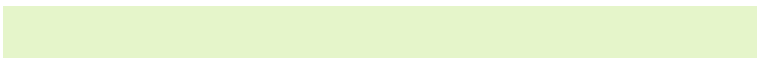
The Inverse Universe completely reimagines the original color for something new.



215.4270, -4.1545, 25.9355



217.9440, -4.9024, 32.4981



235.3140, -16.4238, -5.5374



113.8160, -0.8953, 7.1774



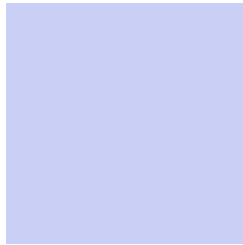
58.1220, -17.8081, 112.1490



18.4390, -5.6394, 35.5720

Previews

White Background



This preview shows how the YUV color 209.8370, 17.3354, -6.8730 looks on a white background.

Color Contrast Check

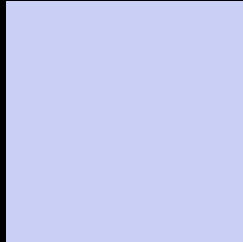
Large Text (above 18pt) WCAG AA × Fail

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 209.8370, 17.3354, -6.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

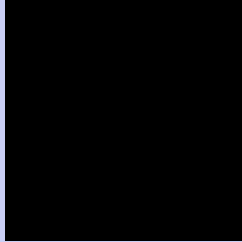
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.8370, 17.3354, -6.8730

Background



This preview shows how black text looks on a background with the YUV color 209.8370, 17.3354, -6.8730.



This preview shows how white text looks on a background with the YUV color 209.8370, 17.3354, -6.8730.

-6.8730.

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

209.8370, 17.3354, -6.8730

Protanopia

209.8370, 17.3354, -6.8730

Deuteranopia

210.8810, 17.3137, 0.1044



Tritanopia

208.6490, 9.0470, -8.4622

Trichromacy



Original Color

209.8370, 17.3354, -6.8730

Protanomaly

209.8370, 17.3354, -6.8730

Deuteranomaly

210.5710, 17.4665, -2.2548

Tritanomaly

209.1590, 12.2466, -8.0324

Monochromacy



Original Color

209.8370, 17.3354, -6.8730

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.8370, 17.3354, -6.8730 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(202, 207, 245)` looks like.

```
.text, #text, p{  
    color:rgb(202, 207, 245)  
}
```

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(202, 207, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 207, 245) }
```

Border

The CSS property to change the border of an element to YUV 209.8370, 17.3354, -6.8730 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(202, 207, 245) }
```


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

```
.border{ border-color:rgb(202, 207, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 207, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 207, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 207, 245);  
box-shadow:4px 4px 4px 4px rgb(202, 207,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 209.8370, 17.3354, -6.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 207, 245) }
```

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

```
.background{ background-color: rgb(202,  
207, 245) }
```

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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