

Converting Colors

YUV(217.9790, 15.2934,
-5.2436)

Have a look what the booklet for
YUV(217.9790, 15.2934, -5.2436)
contains.

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Color

**YUV(217.9790, 15.2934,
-5.2436)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D7F9
RGB	212, 215, 249
RGB Percent	83%, 84%, 98%
CMY	0.1686, 0.1569, 0.0235
CMYK	0.15, 0.14, 0.00, 0.02
HSL	235°, 76%, 90%
HSV	235°, 15%, 98%
XYZ	68.5507, 69.4375, 99.4123
YIQ	217.9790, -12.7020, 9.9380

Conversions

Conversions Part 2

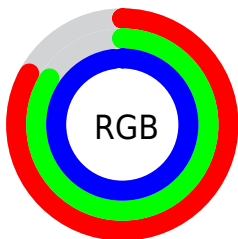
Format	Color
R _{YB}	212, 215, 249
Decimal	13948921
CIE Lab	86.72, 5.64, -16.92
CIE LCh	87, 17.835, 288.421
Yxy	69.4375, 0.2888, 0.2925
Android (android.graphics.Color)	4292139001 (0xFFD4D7F9)
YUV	217.9790, 15.2934, -5.2436
Hunter-Lab	83.3292, 1.0169, -12.4030

Details

The YUV color $217.9790, 15.2934, -5.2436$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $243.0210, -15.2934, 5.2436$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.8650, 14.8566, -5.1436$ is the 20% darker color. If you saturate the color by 10%, you get $197.0030, 25.6345, -8.7726$, and if you desaturate by 10%, it is $238.9550, 4.9522, -1.7145$.

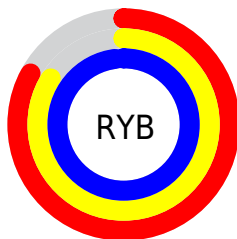
Distribution



Red (83%)

Green (84%)

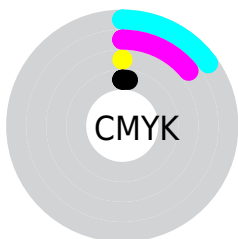
Blue (98%)



Red (83%)

Yellow (84%)

Blue (98%)

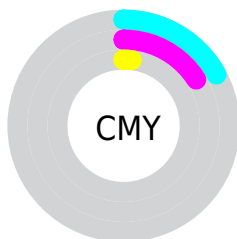


Cyan (15%)

Magenta (14%)

Yellow (0%)

Black (2%)



Cyan (17%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.9790, 15.2934, -5.2436 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 217.9790, 15.2934, -5.2436 by changing the saturation by 10% instead.

■ 217.9790, 15.2934,
-5.2436

■ 217.9790, 15.2934,
-5.2436

255.0000, 0.0000,
0.0000

■ 189.8650, 14.8566,
-5.1436

■ 162.8650, 14.8566,
-5.1436

■ 136.6370, 13.9830,
-4.9436

■ 111.2240, 13.6936,
-5.4584

■ 86.9960, 12.8200,
-5.2585

■ 63.5830, 12.5306,
-5.7733

■ 41.3550, 11.6570,

-5.5733

■ 20.5290, 11.0782,
-6.6029

■ 3.2090, 9.7570,
-2.8143

■ 217.9790, 15.2934,
-5.2436

■ 217.9790, 15.2934,
-5.2436

■ 197.0030, 25.6345,
-8.7726

■ 238.9550, 4.9522,
-1.7145

■ 176.0270, 35.9757,
-12.3017

■ 254.3160, -2.6208,
0.5999

■ 155.0510, 46.3169,
-15.8307

■ 134.0750, 56.6580,
-19.3598

■ 113.9850, 66.5624,
-22.7888

■ 93.0090, 76.9036,
-26.3179

■ 72.0330, 87.2447,
-29.8469

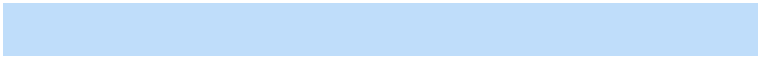
■ 51.0570, 97.5859,
-33.3760

■ 40.1260, 102.9749,
-35.1905

Harmonies

Analogous

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



215.3360, 17.0894, -21.3427



217.9790, 15.2934, -5.2436



220.2970, 9.7136, 11.1405

Triad

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



217.9790, 15.2934, -5.2436



219.0220, -13.3218, 26.2907



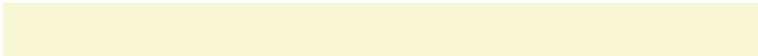
211.9060, -0.9397, -25.3506

Complementary

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



217.9790, 15.2934, -5.2436



243.0210, -15.2934, 5.2436

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.



213.4040, -9.5662, -11.7553



217.9790, 15.2934, -5.2436



217.4570, -16.4943, 17.1392

Square

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



217.9790, 15.2934, -5.2436



220.1670, -6.4913, 28.7945



215.1240, -14.8511, 3.3993



211.1530, 7.8126, -32.5832

Rectangle

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



217.9790, 15.2934, -5.2436



220.3860, 4.7397, 19.8325



215.1240, -14.8511, 3.3993



212.1300, -4.0081, -21.1620

Sweetspot

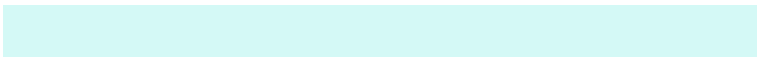
The Sweet Spot groups the original color and five complimentary colors.



217.9790, 15.2934, -5.2436



246.7270, 4.0786, -1.5146



237.5950, 4.1437, -22.4468



122.3850, 2.7682, -1.2146



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.



217.9790, 15.2934, -5.2436



216.5920, 18.9351, -6.6582



220.7030, 13.9504, 5.5225



114.0690, 5.3890, -1.8145



30.3510, 78.2140, -26.6178



9.8890, 25.1977, -8.6727

Inverse Universe

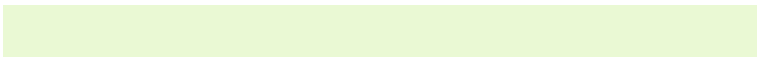
The Inverse Universe completely reimagines the original color for something new.



223.4050, -4.1437, 22.4468



223.2100, -5.0335, 27.8798



240.2970, -13.9504, -5.5225



116.0010, -1.4795, 7.8921



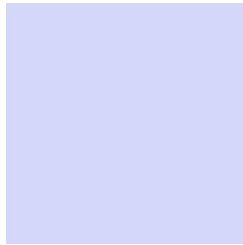
58.2210, -21.3080, 114.6932



18.8090, -6.8078, 37.0015

Previews

White Background



This preview shows how the YUV color 217.9790, 15.2934, -5.2436 looks on a white background.

Color Contrast Check

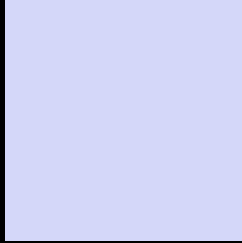
Large Text (above 18pt) WCAG AA × Fail

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 217.9790, 15.2934, -5.2436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

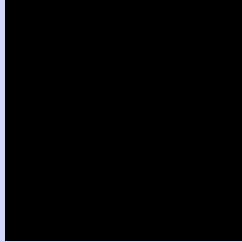
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.9790, 15.2934, -5.2436

Background



This preview shows how black text looks on a background with the YUV color 217.9790, 15.2934, -5.2436.



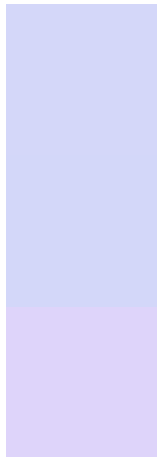
This preview shows how white text looks on a background with the YUV color 217.9790, 15.2934, -5.2436.

-5.2436.

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

217.9790, 15.2934, -5.2436

Protanopia

217.6800, 15.4408, -5.8584

Deuteranopia

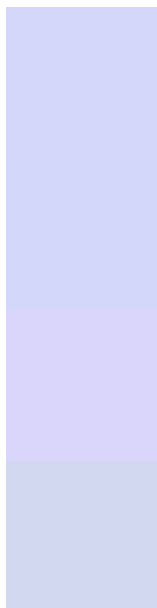
219.3220, 15.1243, 2.3486



Tritanopia

216.6600, 9.0416, -6.7178

Trichromacy



Original Color

217.9790, 15.2934, -5.2436

Protanomaly

217.6800, 15.4408, -5.8584

Deuteranomaly

218.7130, 15.4245, -0.6253

Tritanomaly

216.9420, 11.3676, -6.0881

Monochromacy



Original Color

217.9790, 15.2934, -5.2436

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0690, 5.3890, -1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.9790, 15.2934, -5.2436 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(212, 215, 249)` looks like.

```
.text, #text, p{  
    color:rgb(212, 215, 249)  
}
```

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(212, 215, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 215, 249) }
```

Border

The CSS property to change the border of an element to YUV 217.9790, 15.2934, -5.2436 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(212, 215, 249) }
```


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

```
.border{ border-color:rgb(212, 215, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 215, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 215, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 215, 249);  
box-shadow:4px 4px 4px 4px rgb(212, 215,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 217.9790, 15.2934, -5.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 215, 249) }
```

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

```
.background{ background-color: rgb(212,  
215, 249) }
```

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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