

Converting Colors

YUV(217.1240, 18.6729,
-15.8947)

Have a look what the booklet for
YUV(217.1240, 18.6729, -15.8947)
contains.

YUV(217.1240, 18.6729, -15.8947)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(217.1240, 18.6729,
-15.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DBFF
RGB	199, 219, 255
RGB Percent	78%, 86%, 100%
CMY	0.2196, 0.1412, 0.0000
CMYK	0.22, 0.14, 0.00, 0.00
HSL	219°, 100%, 89%
HSV	219°, 22%, 100%
XYZ	66.9347, 70.0251, 104.5961
YIQ	217.1240, -23.4760, 6.9560

Conversions

Conversions Part 2

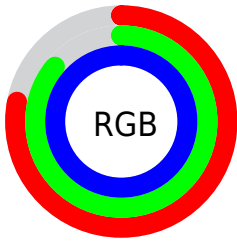
Format	Color
R _Y B	199, 214, 255
Decimal	13097983
CIE Lab	87.01, 0.84, -19.74
CIE LCh	87, 19.756, 272.433
Yxy	70.0251, 0.2771, 0.2899
Android (android.graphics.Color)	4291288063 (0xFFC7DBFF)
YUV	217.1240, 18.6729, -15.8947
Hunter-Lab	83.6810, -3.6634, -15.5321

Details

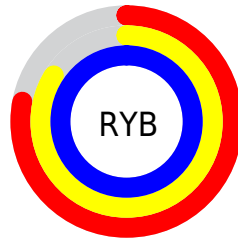
The YUV color $217.1240, 18.6729, -15.8947$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $236.8760, -18.6729, 15.8947$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.8960, 17.7993, -15.6948$ is the 20% darker color. If you saturate the color by 10%, you get $200.2570, 26.9883, -23.0274$, and if you desaturate by 10%, it is $234.2900, 10.2100, -8.1473$.

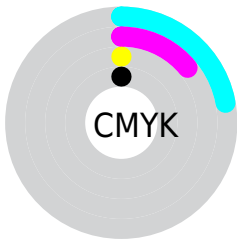
Distribution



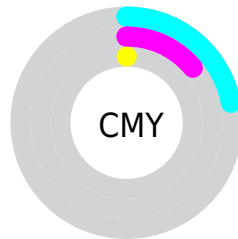
- Red (78%)
- Green (86%)
- Blue (100%)



- Red (78%)
- Yellow (84%)
- Blue (100%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.1240, 18.6729, -15.8947 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 217.1240, 18.6729, -15.8947 by changing the saturation by 10% instead.

■ 217.1240, 18.6729,
-15.8947

■ 217.1240, 18.6729,
-15.8947

255.0000, 0.0000,
0.0000

■ 189.0100, 18.2361,
-15.7948

■ 161.8960, 17.7993,
-15.6948

■ 135.7820, 17.3625,
-15.5948

■ 110.5540, 16.4889,
-15.3949

■ 85.5540, 16.4889,
-15.3949

■ 61.7280, 15.9101,
-16.4245

■ 38.6030, 15.4787,

-18.0688

■ 18.9730, 14.3103,
-16.6393

■ 3.6650, 11.5042,
-3.2142

■ 217.1240, 18.6729,
-15.8947

■ 217.1240, 18.6729,
-15.8947

■ 200.2570, 26.9883,
-23.0274

■ 234.2900, 10.2100,
-8.1473

■ 182.5040, 35.7405,
-30.2600

■ 251.7440, 1.6052,
-1.5295

■ 165.3380, 44.2034,
-38.0074

■ 255.0000, 0.0000,
0.0000

■ 147.8840, 52.8082,
-44.6253

■ 130.7180, 61.2710,
-52.3727

■ 113.8510, 69.5865,
-59.5053

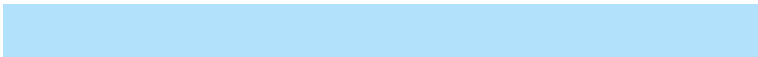
■ 96.0980, 78.3387,
-66.7379

■ 82.4870, 85.0489,
-72.3411

Harmonies

Analogous

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



213.9110, 18.2849, -31.4939



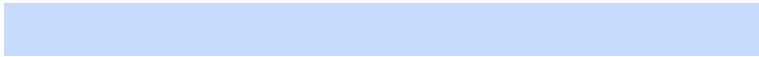
217.1240, 18.6729, -15.8947



220.2080, 14.6875, 2.4486

Triad

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



217.1240, 18.6729, -15.8947



219.8530, -10.2805, 30.8239



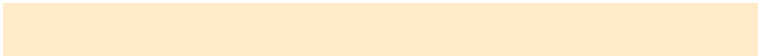
212.5600, -6.1921, -20.6621

Complementary

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



217.1240, 18.6729, -15.8947



236.8760, -18.6729, 15.8947

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.



214.8950, -14.2452, -4.2929



217.1240, 18.6729, -15.8947



219.0990, -16.8108, 25.3462

Square

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



217.1240, 18.6729, -15.8947



221.3180, -2.1288, 29.5391



217.0820, -17.7884, 12.2061



211.1160, 3.8868, -33.4277

Rectangle

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



217.1240, 18.6729, -15.8947



221.3190, 9.7027, 14.6292



217.0820, -17.7884, 12.2061



213.4960, -9.1185, -15.3440

Sweetspot

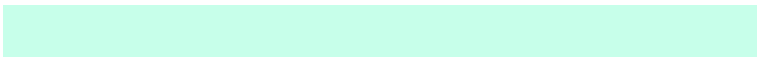
The Sweet Spot groups the original color and five complimentary colors.



217.1240, 18.6729, -15.8947



243.1610, 5.8366, -5.4032



235.8620, -0.9180, -32.3280



120.6020, 3.6472, -3.1590



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.



217.1240, 18.6729, -15.8947



210.0250, 22.1727, -18.4389



207.4770, 23.4288, -1.2953



118.8300, 4.5208, -3.3589



61.6900, 63.7498, -54.1021



20.7970, 21.2991, -18.2390

Inverse Universe

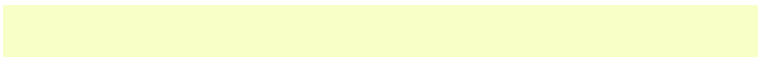
The Inverse Universe completely reimagines the original color for something new.



218.0240, 0.4812, 32.4280



211.3560, 0.3175, 38.2758



246.5230, -23.4288, 1.2953



119.3430, -0.1691, 7.5922



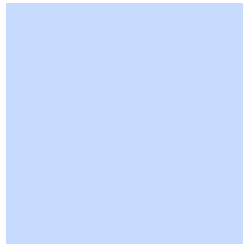
64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 217.1240, 18.6729, -15.8947 looks on a white background.

Color Contrast Check

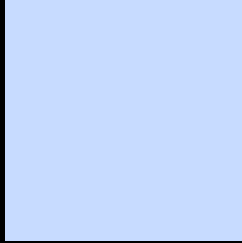
Large Text (above 18pt) WCAG AA × Fail

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 217.1240, 18.6729, -15.8947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

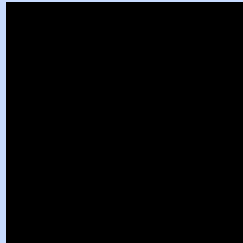
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.1240, 18.6729, -15.8947

Background



This preview shows how black text looks on a background with the YUV color 217.1240, 18.6729, -15.8947.



This preview shows how white text looks on a background with the YUV color 217.1240, 18.6729, -15.8947.

-15.8947.

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

217.1240, 18.6729, -15.8947

Protanopia

218.7230, 16.8986, -6.7731

Deuteranopia

219.8810, 17.3137, 0.1044



Tritanopia

216.1640, 11.2581, -17.6838

Trichromacy



Original Color

217.1240, 18.6729, -15.8947

Protanomaly

218.2280, 17.6356, -9.8470

Deuteranomaly

218.6630, 17.9141, -5.8435

Tritanomaly

216.5600, 14.0209, -17.1541

Monochromacy



Original Color

217.1240, 18.6729, -15.8947

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.0900, 6.8576, -6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1240, 18.6729, -15.8947 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(199, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 219, 255)  
}
```

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(199, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 219, 255) }
```

Border

The CSS property to change the border of an element to YUV 217.1240, 18.6729, -15.8947 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(199, 219, 255) }
```


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

```
.border{ border-color:rgb(199, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 217.1240, 18.6729, -15.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 219, 255) }
```

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

```
.background{ background-color: rgb(199,  
219, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor