

Converting Colors

YUV(214.6510, 19.3991,
-15.4799)

Have a look what the booklet for
YUV(214.6510, 19.3991, -15.4799)
contains.

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Color

**YUV(214.6510, 19.3991,
-15.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D8FE
RGB	197, 216, 254
RGB Percent	77%, 85%, 100%
CMY	0.2275, 0.1529, 0.0039
CMYK	0.22, 0.15, 0.00, 0.00
HSL	220°, 97%, 88%
HSV	220°, 22%, 100%
XYZ	65.4712, 68.1378, 103.4671
YIQ	214.6510, -23.5220, 7.7900

Conversions

Conversions Part 2

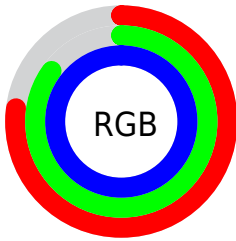
Format	Color
R _Y B	197, 211, 254
Decimal	12966142
CIE Lab	86.08, 1.60, -20.64
CIE LCh	86, 20.697, 274.428
Yxy	68.1378, 0.2762, 0.2874
Android (android.graphics.Color)	4291156222 (0xFFC5D8FE)
YUV	214.6510, 19.3991, -15.4799
Hunter-Lab	82.5456, -2.8772, -16.5353

Details

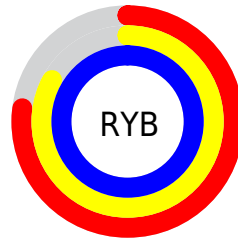
The YUV color $214.6510, 19.3991, -15.4799$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $236.3490, -19.3991, 15.4799$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, 0.1474, -0.6148$, and $159.4230, 18.5255, -15.2800$ is the 20% darker color. If you saturate the color by 10%, you get $197.1970, 28.0039, -22.0978$, and if you desaturate by 10%, it is $232.1050, 10.7942, -8.8621$.

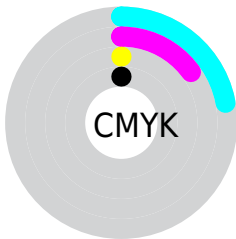
Distribution



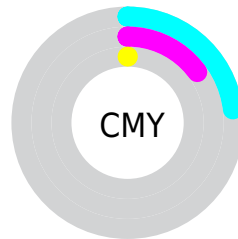
- Red (77%)
- Green (85%)
- Blue (100%)



- Red (77%)
- Yellow (83%)
- Blue (100%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.6510, 19.3991, -15.4799 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 214.6510, 19.3991, -15.4799 by changing the saturation by 10% instead.

■ 214.6510, 19.3991,
-15.4799

■ 214.6510, 19.3991,
-15.4799

255.0000, 0.0000,
0.0000

■ 186.5370, 18.9623,
-15.3799

254.7010, 0.1474,
-0.6148

■ 159.4230, 18.5255,
-15.2800

■ 133.3090, 18.0887,
-15.1800

■ 108.0810, 17.2151,
-14.9800

■ 83.6680, 16.9257,
-15.4948

■ 59.8420, 16.3469,
-16.5244

■ 36.7170, 15.9155,

-18.1688

■ 17.0980, 14.7417,
-14.9949

■ 3.5510, 11.0674,
-3.1142

■ 214.6510, 19.3991,
-15.4799

■ 214.6510, 19.3991,
-15.4799

■ 197.1970, 28.0039,
-22.0978

■ 232.1050, 10.7942,
-8.8621

■ 179.4440, 36.7561,
-29.3304

■ 249.8580, 2.0420,
-1.6295

■ 161.9900, 45.3609,
-35.9482

254.8860, -0.4368,
0.1000

■ 144.2370, 54.1132,
-43.1808

■ 126.7830, 62.7180,
-49.7987

■ 109.3290, 71.3228,
-56.4165

■ 91.5760, 80.0750,
-63.6492

■ 78.8510, 86.3485,
-69.1523

Harmonies

Analogous

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



210.8400, 19.3059, -32.3087



214.6510, 19.3991, -15.4799



217.6320, 14.9714, 4.7077

Triad

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



214.6510, 19.3991, -15.4799



217.5220, -11.5963, 32.8682



209.6630, -5.7499, -22.5065

Complementary

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



214.6510, 19.3991, -15.4799



236.3490, -19.3991, 15.4799

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.



212.1830, -14.3872, -5.4225



214.6510, 19.3991, -15.4799



216.2840, -17.3950, 26.0609

Square

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



214.6510, 19.3991, -15.4799



219.1010, -3.0078, 31.4834



214.4410, -18.9514, 11.8912



208.3330, 4.7658, -35.3720

Rectangle

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



214.6510, 19.3991, -15.4799



218.3300, 9.6973, 16.3736



214.4410, -18.9514, 11.8912



210.4850, -9.1131, -17.0883

Sweetspot

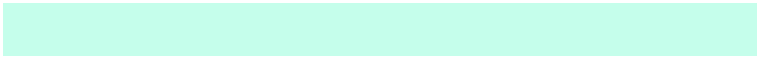
The Sweet Spot groups the original color and five complimentary colors.



214.6510, 19.3991, -15.4799



242.5740, 6.1260, -4.8884



234.7910, 0.1030, -33.1427



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.



214.6510, 19.3991, -15.4799



207.3670, 23.4831, -18.7389



206.1890, 23.5708, -0.1658



118.8300, 4.5208, -3.3589



59.3420, 64.9074, -52.0429



19.6230, 21.8779, -17.2094

Inverse Universe

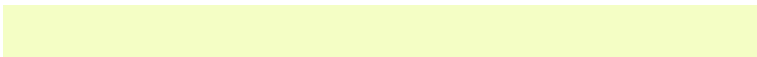
The Inverse Universe completely reimagines the original color for something new.



216.2090, -0.1030, 33.1427



209.2530, -0.1247, 40.1201



244.5120, -23.4234, -0.4490



119.3430, -0.1691, 7.5922



64.4050, -0.1997, 111.0238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 214.6510, 19.3991, -15.4799 looks on a white background.

Color Contrast Check

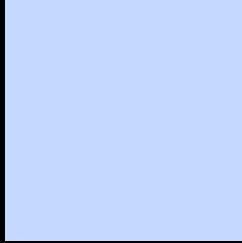
Large Text (above 18pt) WCAG AA × Fail

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 214.6510, 19.3991, -15.4799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

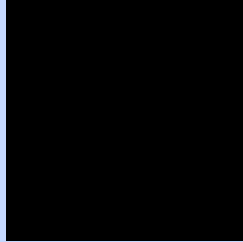
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

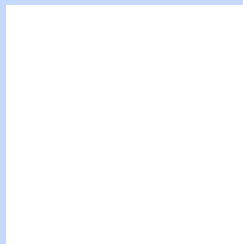
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.6510, 19.3991, -15.4799

Background



This preview shows how black text looks on a background with the YUV color 214.6510, 19.3991, -15.4799.



This preview shows how white text looks on a background with the YUV color 214.6510, 19.3991, -15.4799.

-15.4799.

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

214.6510, 19.3991, -15.4799

Protanopia

215.6520, 17.9196, -7.5878

Deuteranopia

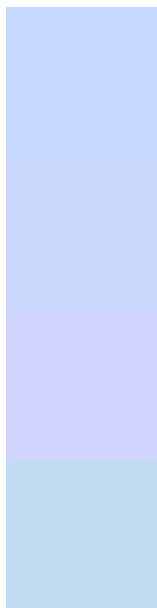
216.9240, 18.7715, -0.8103



Tritanopia

213.4630, 11.1107, -17.0691

Trichromacy



Original Color

214.6510, 19.3991, -15.4799

Protanomaly

215.1570, 18.6566, -10.6617

Deuteranomaly

216.0050, 19.2245, -6.1434

Tritanomaly

213.9730, 14.3103, -16.6393

Monochromacy



Original Color

214.6510, 19.3991, -15.4799

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.5030, 7.1470, -5.7031

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.6510, 19.3991, -15.4799 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(197, 216, 254)` looks like.

```
.text, #text, p{  
    color:rgb(197, 216, 254)  
}
```

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(197, 216, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 216, 254) }
```

Border

The CSS property to change the border of an element to YUV 214.6510, 19.3991, -15.4799 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(197, 216, 254) }
```


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

```
.border{ border-color:rgb(197, 216, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 216, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 216, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 216, 254);  
box-shadow:4px 4px 4px 4px rgb(197, 216,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 214.6510, 19.3991, -15.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 216, 254) }
```

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

```
.background{ background-color: rgb(197,  
216, 254) }
```

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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