

Converting Colors

YUV(218.6590, 10.5211,
-14.6099)

Have a look what the booklet for
YUV(218.6590, 10.5211, -14.6099)
contains.

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Color

**YUV(218.6590, 10.5211,
-14.6099)**

Conversions

Conversions Part 1

Format	Color
Hex	CADFF0
RGB	202, 223, 240
RGB Percent	79%, 87%, 94%
CMY	0.2078, 0.1255, 0.0588
CMYK	0.16, 0.07, 0.00, 0.06
HSL	207°, 56%, 87%
HSV	207°, 16%, 94%
XYZ	66.4730, 71.6232, 92.7592
YIQ	218.6590, -17.9730, 0.8350

Conversions

Conversions Part 2

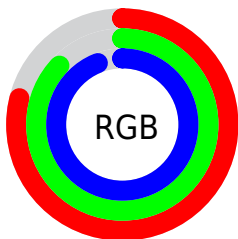
Format	Color
R _Y B	202, 216, 240
Decimal	13295600
CIE Lab	87.79, -3.54, -10.65
CIE LCh	88, 11.225, 251.625
Yxy	71.6232, 0.2879, 0.3103
Android (android.graphics.Color)	4291485680 (0xFFCADFF0)
YUV	218.6590, 10.5211, -14.6099
Hunter-Lab	84.6305, -7.9006, -5.7435

Details

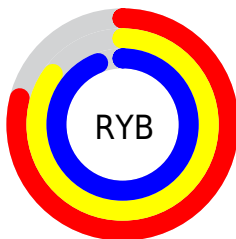
The YUV color $218.6590, 10.5211, -14.6099$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $223.3410, -10.5211, 14.6099$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.8440, 9.9369, -13.8952$ is the 20% darker color. If you saturate the color by 10%, you get $205.0260, 17.2422, -23.7018$, and if you desaturate by 10%, it is $232.2920, 3.8000, -5.5181$.

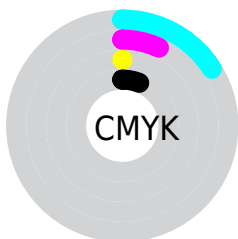
Distribution



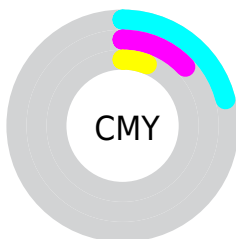
- Red (79%)
- Green (87%)
- Blue (94%)



- Red (79%)
- Yellow (85%)
- Blue (94%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (21%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.6590, 10.5211, -14.6099 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 218.6590, 10.5211, -14.6099 by changing the saturation by 10% instead.

■ 218.6590, 10.5211,
-14.6099

■ 218.6590, 10.5211,
-14.6099

255.0000, 0.0000,
0.0000

■ 190.6590, 10.5211,
-14.6099

■ 163.8440, 9.9369,
-13.8952

■ 137.1430, 9.7895,
-13.2804

■ 111.7300, 9.5001,
-13.7952

■ 87.0290, 9.3527,
-13.1804

■ 63.9150, 8.9159,
-13.0805

■ 41.5020, 8.6265,

-13.5953

■ 20.0890, 8.3371,
-14.1101

■ 2.4110, 6.6994,
-2.1144

■ 218.6590, 10.5211,
-14.6099

■ 218.6590, 10.5211,
-14.6099

■ 205.0260, 17.2422,
-23.7018

■ 232.2920, 3.8000,
-5.5181

■ 191.9800, 23.6739,
-33.3085

■ 245.3380, -2.6316,
4.0886

■ 178.3470, 30.3949,
-42.4003

■ 253.2900, -6.5520,
1.4997

■ 164.7140, 37.1160,
-51.4922

■ 151.0810, 43.8371,
-60.5840

■ 138.0350, 50.2687,
-70.1907

■ 124.4020, 56.9898,
-79.2826

■ 110.7690, 63.7109,
-88.3744

■ 105.4310, 66.3425,
-92.4630

Harmonies

Analogous

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



217.6430, 8.0640, -19.8579



218.6590, 10.5211, -14.6099



220.6000, 10.0572, -5.7882

Triad

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



218.6590, 10.5211, -14.6099



222.3120, -3.1118, 18.1434



218.1320, -6.9671, -5.3778

Complementary

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



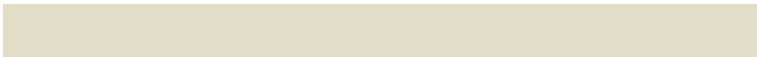
218.6590, 10.5211, -14.6099



223.3410, -10.5211, 14.6099

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.



219.6880, -10.1992, 4.6586



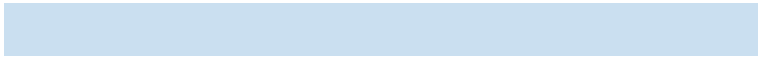
218.6590, 10.5211, -14.6099



221.4600, -7.6218, 18.0136

Square

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



218.6590, 10.5211, -14.6099



222.6580, 2.1406, 13.4549



220.4440, -10.0789, 12.7656



217.0430, -1.9932, -14.0697

Rectangle

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



218.6590, 10.5211, -14.6099



221.1880, 8.2883, 1.5891



220.4440, -10.0789, 12.7656



218.5130, -8.1409, -2.2039

Sweetspot

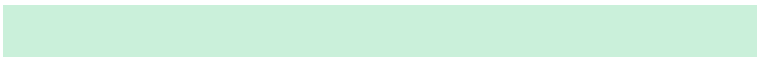
The Sweet Spot groups the original color and five complimentary colors.



218.6590, 10.5211, -14.6099



247.5910, 3.6526, -4.9033



226.1300, -4.0081, -21.1620



123.2600, 2.3368, -2.8590



0.0000, 0.0000, 0.0000



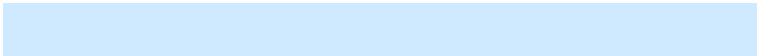
128.0000, 0.0000, 0.0000

Same Dimension

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



218.6590, 10.5211, -14.6099



227.7340, 13.4421, -18.1837



208.0930, 15.7302, -5.3436



112.8900, 3.5052, -4.2885



80.2630, 51.1423, -70.3907



24.5810, 15.4896, -21.5575

Inverse Universe

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



215.7560, 3.5713, 21.2620



224.3160, 4.2812, 26.9099



233.9070, -15.7302, 5.3436



112.2720, 0.8519, 6.7775



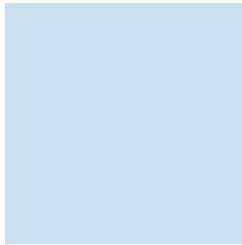
66.5300, 16.9937, 103.0212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 218.6590, 10.5211, -14.6099 looks on a white background.

Color Contrast Check

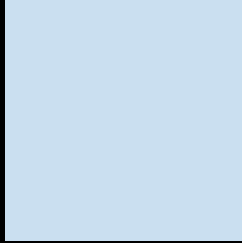
Large Text (above 18pt) WCAG AA × Fail

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 218.6590, 10.5211, -14.6099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

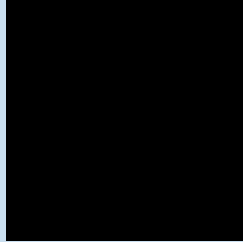
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

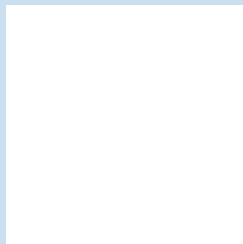
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.6590, 10.5211, -14.6099

Background



This preview shows how black text looks on a background with the YUV color 218.6590, 10.5211, -14.6099.



This preview shows how white text looks on a background with the YUV color 218.6590, 10.5211, -14.6099.

-14.6099.

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

218.6590, 10.5211, -14.6099

Protanopia

220.4650, 8.1518, -1.2848

Deuteranopia

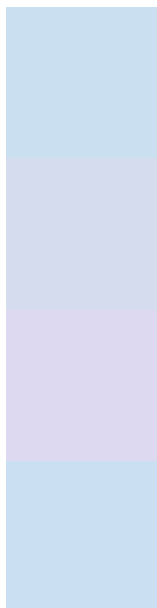
222.2750, 9.7244, 7.6518



Tritanopia

218.7730, 10.9579, -14.7099

Trichromacy



Original Color

218.6590, 10.5211, -14.6099

Protanomaly

219.9590, 8.8942, -6.1030

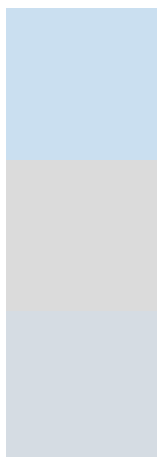
Deuteranomaly

220.6330, 10.0409, -0.5551

Tritanomaly

218.7730, 10.9579, -14.7099

Monochromacy



Original Color

218.6590, 10.5211, -14.6099

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.7050, 4.0894, -5.0033

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.6590, 10.5211, -14.6099 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, 223, 240)` looks like.

```
.text, #text, p{  
    color:rgb(202, 223, 240)  
}
```

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, 223, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 223, 240) }
```

Border

The CSS property to change the border of an element to YUV 218.6590, 10.5211, -14.6099 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, 223, 240) }
```


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

```
.border{ border-color:rgb(202, 223, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 223, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 223, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 223, 240);  
box-shadow:4px 4px 4px 4px rgb(202, 223,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 218.6590, 10.5211, -14.6099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 223, 240) }
```

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

```
.background{ background-color: rgb(202,  
223, 240) }
```

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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