

Converting Colors

YUV(206.2450, 15.1622,
-9.8619)

Have a look what the booklet for
YUV(206.2450, 15.1622, -9.8619)
contains.

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Color

**YUV(206.2450, 15.1622,
-9.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CEED
RGB	195, 206, 237
RGB Percent	76%, 81%, 93%
CMY	0.2353, 0.1922, 0.0706
CMYK	0.18, 0.13, 0.00, 0.07
HSL	224°, 54%, 85%
HSV	224°, 18%, 93%
XYZ	59.8630, 61.8591, 88.9057
YIQ	206.2450, -16.5070, 7.3090

Conversions

Conversions Part 2

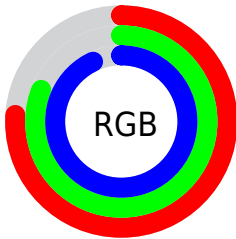
Format	Color
R _Y B	195, 204, 237
Decimal	12832493
CIE Lab	82.84, 2.56, -16.52
CIE LCh	83, 16.720, 278.820
Yxy	61.8591, 0.2842, 0.2937
Android (android.graphics.Color)	4291022573 (0xFFC3CEED)
YUV	206.2450, 15.1622, -9.8619
Hunter-Lab	78.6506, -1.7774, -11.9653

Details

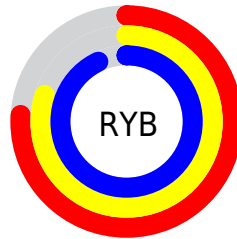
The YUV color $206.2450, 15.1622, -9.8619$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $225.7550, -15.1622, 9.8619$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.1030, 0.4422, -1.8443$, and $152.0170, 14.2886, -9.6619$ is the 20% darker color. If you saturate the color by 10%, you get $189.0900, 23.6196, -15.8649$, and if you desaturate by 10%, it is $223.4000, 6.7048, -3.8588$.

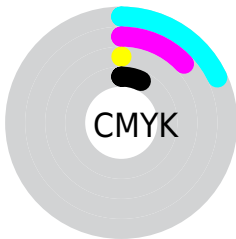
Distribution



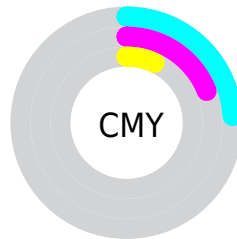
- Red (76%)
- Green (81%)
- Blue (93%)



- Red (76%)
- Yellow (80%)
- Blue (93%)



- Cyan (18%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.2450, 15.1622, -9.8619 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 206.2450, 15.1622, -9.8619 by changing the saturation by 10% instead.

■ 206.2450, 15.1622,
-9.8619

■ 206.2450, 15.1622,
-9.8619

■ 255.0000, 0.0000,
0.0000

■ 179.1310, 14.7254,
-9.7619

■ 254.1030, 0.4422,
-1.8443

■ 152.0170, 14.2886,
-9.6619

■ 125.9030, 13.8518,
-9.5619

■ 100.7890, 13.4150,
-9.4620

■ 76.6750, 12.9782,
-9.3620

■ 53.5610, 12.5414,
-9.2620

■ 31.7350, 11.9626,

-10.2916

■ 9.8600, 12.3940,
-8.6472

■ 1.1400, 4.3680,
-0.9998

■ 206.2450, 15.1622,
-9.8619

■ 206.2450, 15.1622,
-9.8619

■ 189.0900, 23.6196,
-15.8649

■ 223.4000, 6.7048,
-3.8588

■ 171.6470, 32.2190,
-20.7384

■ 240.8430, -1.8946,
1.0147

■ 154.4920, 40.6764,
-26.7415

■ 252.9480, -7.8624,
1.7996

■ 136.7500, 49.4232,
-32.2298

■ 119.5950, 57.8807,
-38.2328

■ 102.1520, 66.4801,
-43.1063

■ 84.9970, 74.9375,
-49.1094

■ 67.2550, 83.6843,
-54.5976

■ 63.4120, 85.5789,
-55.6123

Harmonies

Analogous

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



203.5700, 15.4950, -23.3019



206.2450, 15.1622, -9.8619



208.6060, 11.0402, 5.6075

Triad

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



206.2450, 15.1622, -9.8619



208.1190, -10.4117, 26.2056



201.8420, -3.8661, -20.0324

Complementary

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



206.2450, 15.1622, -9.8619



225.7550, -15.1622, 9.8619

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.



203.2090, -10.4560, -6.3223



206.2450, 15.1622, -9.8619



206.6360, -14.6105, 19.6132

Square

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



206.2450, 15.1622, -9.8619



208.9540, -3.4283, 26.3503



205.4450, -15.0094, 7.5027



200.9640, 4.4547, -28.9094

Rectangle

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



206.2450, 15.1622, -9.8619



209.2220, 6.7926, 14.7143



205.4450, -15.0094, 7.5027



202.2940, -6.0609, -16.0438

Sweetspot

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



206.2450, 15.1622, -9.8619



245.8300, 4.5208, -3.3589



223.1880, 1.3863, -24.7209



122.0860, 2.9156, -1.8294



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.



206.2450, 15.1622, -9.8619



215.3740, 19.5356, -12.6060



202.7780, 16.8714, 1.9487



109.0150, 3.9366, -2.6442



48.2230, 65.4591, -42.2916



14.3740, 19.5356, -12.6060

Inverse Universe

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



208.8120, -1.3863, 24.7209



218.7420, -1.8448, 31.7983



229.2220, -16.8714, -1.9487



109.6310, -0.3111, 6.4626



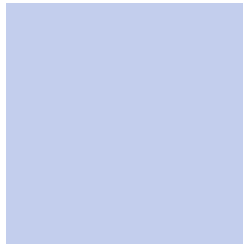
59.4770, -6.1512, 106.5757



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 206.2450, 15.1622, -9.8619 looks on a white background.

Color Contrast Check

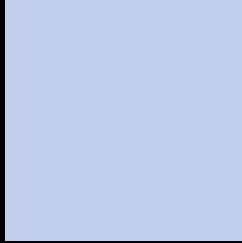
Large Text (above 18pt) WCAG AA × Fail

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 206.2450, 15.1622, -9.8619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

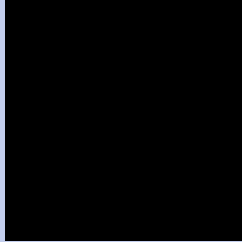
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.2450, 15.1622, -9.8619

Background



This preview shows how black text looks on a background with the YUV color 206.2450, 15.1622, -9.8619.



This preview shows how white text looks on a background with the YUV color 206.2450, 15.1622, -9.8619.

-9.8619.

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

206.2450, 15.1622, -9.8619

Protanopia

206.7510, 14.4198, -5.0436

Deuteranopia

208.2080, 14.6875, 2.4486



Tritanopia

205.4530, 9.6367, -10.9213

Trichromacy



Original Color

206.2450, 15.1622, -9.8619

Protanomaly

206.7400, 14.4252, -6.7880

Deuteranomaly

207.5880, 14.9931, -2.2697

Tritanomaly

205.6210, 11.5258, -10.1916

Monochromacy



Original Color

206.2450, 15.1622, -9.8619

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.0580, 5.3944, -3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.2450, 15.1622, -9.8619 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(195, 206, 237)` looks like.

```
.text, #text, p{  
    color:rgb(195, 206, 237)  
}
```

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(195, 206, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 206, 237) }
```

Border

The CSS property to change the border of an element to YUV 206.2450, 15.1622, -9.8619 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(195, 206, 237) }
```


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

```
.border{ border-color:rgb(195, 206, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 206, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 206, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 206, 237);  
box-shadow:4px 4px 4px 4px rgb(195, 206,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 206.2450, 15.1622, -9.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 206, 237) }
```

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

```
.background{ background-color: rgb(195,  
206, 237) }
```

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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