

Converting Colors

YUV(195.3170, 25.9727,
-23.9570)

Have a look what the booklet for
YUV(195.3170, 25.9727, -23.9570)
contains.

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Color

**YUV(195.3170, 25.9727,
-23.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C7F8
RGB	168, 199, 248
RGB Percent	66%, 78%, 97%
CMY	0.3412, 0.2196, 0.0275
CMYK	0.32, 0.20, 0.00, 0.03
HSL	217°, 85%, 82%
HSV	217°, 32%, 97%
XYZ	53.5152, 55.9490, 96.7856
YIQ	195.3170, -34.2050, 8.6670

Conversions

Conversions Part 2

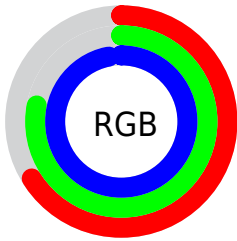
Format	Color
R _Y B	168, 190, 248
Decimal	11061240
CIE Lab	79.58, 0.87, -27.50
CIE LCh	80, 27.513, 271.811
Yxy	55.9490, 0.2595, 0.2713
Android (android.graphics.Color)	4289251320 (0xFFA8C7F8)
YUV	195.3170, 25.9727, -23.9570
Hunter-Lab	74.7991, -3.1901, -24.3585

Details

The YUV color $195.3170, 25.9727, -23.9570$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $220.6830, -25.9727, 23.9570$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.0300, 4.4222, -18.4433$, and $140.9750, 24.6623, -23.6571$ is the 20% darker color. If you saturate the color by 10%, you get $179.0370, 33.9988, -31.6044$, and if you desaturate by 10%, it is $211.5970, 17.9467, -16.3096$.

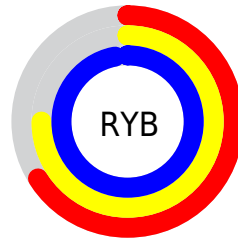
Distribution



Red (66%)

Green (78%)

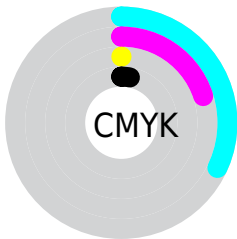
Blue (97%)



Red (66%)

Yellow (75%)

Blue (97%)

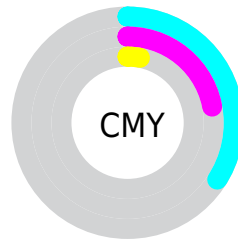


Cyan (32%)

Magenta (20%)

Yellow (0%)

Black (3%)



Cyan (34%)

Magenta (22%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.3170, 25.9727, -23.9570 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 195.3170, 25.9727, -23.9570 by changing the saturation by 10% instead.

■ 195.3170, 25.9727,
-23.9570

■ 195.3170, 25.9727,
-23.9570

■ 255.0000, 0.0000,
0.0000

■ 168.0890, 25.0991,
-23.7571

■ 246.0300, 4.4222,
-18.4433

■ 140.9750, 24.6623,
-23.6571

■ 254.7010, 0.1474,
-0.6148

■ 115.1490, 24.0835,
-24.6867

■ 89.7360, 23.7942,
-25.2015

■ 64.8990, 23.2208,
-27.9754

■ 38.7950, 24.2581,
-34.0232

■ 24.3190, 19.5627,

-21.3278

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 195.3170, 25.9727,
-23.9570

■ 195.3170, 25.9727,
-23.9570

■ 179.0370, 33.9988,
-31.6044

■ 211.5970, 17.9467,
-16.3096

■ 162.7570, 42.0248,
-39.2519

■ 227.8770, 9.9206,
-8.6621

■ 146.1890, 50.1928,
-45.7698

■ 244.4450, 1.7526,
-2.1443

■ 129.9090, 58.2189,
-53.4172

■ 254.2020, -3.0576,
0.6998

■ 113.6290, 66.2449,
-61.0646

■ 97.3490, 74.2709,
-68.7121

■ 84.6240, 80.5444,
-74.2152

Harmonies

Analogous

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



189.1740, 26.0432, -46.6336



195.3170, 25.9727, -23.9570



199.7010, 20.3604, 2.8932

Triad

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



195.3170, 25.9727, -23.9570



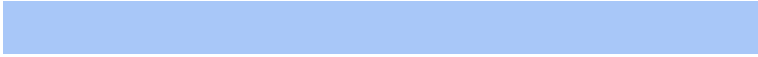
200.1920, -14.3917, 42.8046



189.2340, -8.4964, -28.2692

Complementary

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



195.3170, 25.9727, -23.9570



220.6830, -25.9727, 23.9570

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.



193.1030, -19.7708, -5.3523



195.3170, 25.9727, -23.9570



198.0740, -22.2215, 34.1381

Square

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



195.3170, 25.9727, -23.9570



201.3840, -2.1613, 40.0052



195.9810, -24.6406, 16.6797



186.4840, 5.6774, -47.7825

Rectangle

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



195.3170, 25.9727, -23.9570



201.3780, 13.6176, 18.9625



195.9810, -24.6406, 16.6797



190.8390, -12.7386, -20.9068

Sweetspot

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



195.3170, 25.9727, -23.9570



238.1330, 8.3154, -7.1326



220.4320, -2.1850, -45.9829



117.3460, 5.2524, -4.6884



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.



195.3170, 25.9727, -23.9570



189.5920, 32.2461, -29.4602



179.5120, 33.7646, -3.0800



116.4170, 4.2314, -3.8737



64.3970, 61.4293, -56.4762



21.0420, 19.6993, -18.4538

Inverse Universe

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



195.4540, 1.7482, 46.0828



189.9330, 2.0050, 57.0638



236.4880, -33.7646, 3.0800



116.4570, 0.2677, 7.4922



64.8330, 4.0263, 108.8945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 195.3170, 25.9727, -23.9570 looks on a white background.

Color Contrast Check

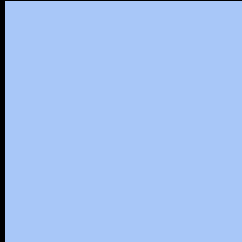
Large Text (above 18pt) WCAG AA × Fail

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 195.3170, 25.9727, -23.9570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

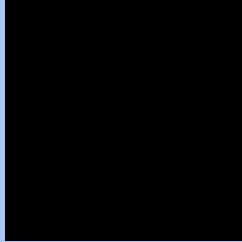
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

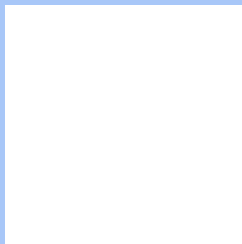
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 195.3170, 25.9727, -23.9570

Background



This preview shows how black text looks on a background with the YUV color 195.3170, 25.9727, -23.9570.



This preview shows how white text looks on a background with the YUV color 195.3170, 25.9727, -23.9570.

-23.9570.

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

195.3170, 25.9727, -23.9570

Protanopia

197.7100, 23.3140, -11.1467

Deuteranopia

198.1880, 25.0503, -8.0579



Tritanopia

193.2660, 13.1799, -27.4203

Trichromacy



Original Color

195.3170, 25.9727, -23.9570

Protanomaly

196.6170, 24.3458, -15.4501

Deuteranomaly

196.9700, 25.6508, -14.0057

Tritanomaly

193.8300, 17.8318, -26.1609

Monochromacy



Original Color

195.3170, 25.9727, -23.9570

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.7630, 9.4838, -8.5622

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.3170, 25.9727, -23.9570 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(168, 199, 248)` looks like.

```
.text, #text, p{  
    color:rgb(168, 199, 248)  
}
```

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(168, 199, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 199, 248) }
```

Border

The CSS property to change the border of an element to YUV 195.3170, 25.9727, -23.9570 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

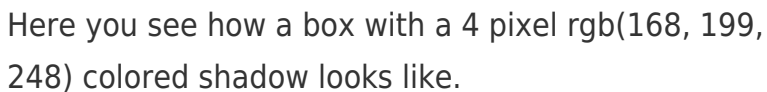
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 199, 248) }
```


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

```
.border{ border-color:rgb(168, 199, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 199, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 199, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 199, 248); box-shadow:4px 4px 4px 4px rgb(168, 199, 248) }
```

Background

The CSS property to change the background color of an element to YUV 195.3170, 25.9727, -23.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 199, 248) }
```

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

```
.background{ background-color: rgb(168,  
199, 248) }
```

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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