

Converting Colors

YUV(168.8450, 25.2194,
-15.6501)

Have a look what the booklet for
YUV(168.8450, 25.2194, -15.6501)
contains.

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Color

**YUV(168.8450, 25.2194,
-15.6501)**

Conversions

Conversions Part 1

Format	Color
Hex	97A8DC
RGB	151, 168, 220
RGB Percent	59%, 66%, 86%
CMY	0.4078, 0.3412, 0.1373
CMYK	0.31, 0.24, 0.00, 0.14
HSL	225°, 50%, 73%
HSV	225°, 31%, 86%
XYZ	39.6834, 39.7519, 73.2915
YIQ	168.8450, -26.8240, 12.5680

Conversions

Conversions Part 2

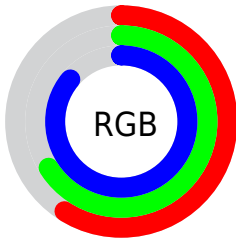
Format	Color
RYB	151, 165, 220
Decimal	9939164
CIELab	69.29, 6.06, -28.22
CIELCh	69, 28.866, 282.125
Yxy	39.7519, 0.2598, 0.2603
Android (android.graphics.Color)	4288129244 (0xFF97A8DC)
YUV	168.8450, 25.2194, -15.6501
Hunter-Lab	63.0491, 2.0128, -24.7874

Details

The YUV color **168.8450, 25.2194, -15.6501** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **202.1550, -25.2194, 15.6501**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8640, 16.3360, -13.0357**, and **116.2040, 24.0564, -15.9649** is the 20% darker color. If you saturate the color by 10%, you get **152.2880, 33.3820, -20.4236**, and if you desaturate by 10%, it is **185.4020, 17.0568, -10.8766**.

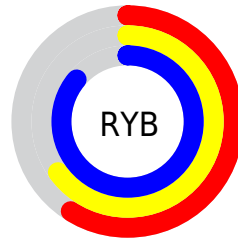
Distribution



Red (59%)

Green (66%)

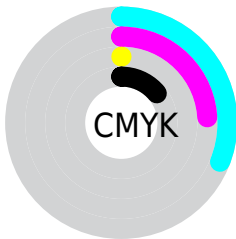
Blue (86%)



Red (59%)

Yellow (65%)

Blue (86%)

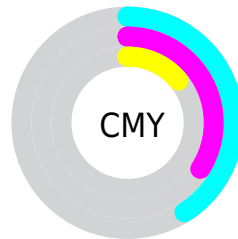


Cyan (31%)

Magenta (24%)

Yellow (0%)

Black (14%)



Cyan (41%)

Magenta (34%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8450, 25.2194, -15.6501 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 168.8450, 25.2194, -15.6501 by changing the saturation by 10% instead.

■ 168.8450, 25.2194,
-15.6501

■ 168.8450, 25.2194,
-15.6501

255.0000, 0.0000,
0.0000

■ 142.3180, 24.4932,
-16.0649

■ 221.8640, 16.3360,
-13.0357

■ 116.2040, 24.0564,
-15.9649

■ 247.2590, 3.8163,
-10.7511

■ 91.2640, 23.0408,
-16.8945

■ 66.8510, 22.7515,
-17.4093

■ 42.7150, 22.3255,
-20.7981

■ 22.5580, 20.4309,
-19.7834

■ 5.3750, 18.0561,

-4.7139

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 168.8450, 25.2194,
-15.6501

■ 168.8450, 25.2194,
-15.6501

■ 152.2880, 33.3820,
-20.4236

■ 185.4020, 17.0568,
-10.8766

■ 136.3180, 41.2552,
-25.7119

■ 201.3720, 9.1836,
-5.5882

■ 119.7610, 49.4178,
-30.4854

■ 217.9290, 1.0210,
-0.8147

■ 103.7910, 57.2910,
-35.7737

■ 233.8990, -6.8522,
4.4736

■ 87.2340, 65.4536,
-40.5472

■ 248.6620,
-14.1304, 5.5584

■ 71.2640, 73.3268,
-45.8355

■ 251.0100,
-15.2879, 3.4992

■ 56.7780, 80.4684,
-49.7943

Harmonies

Analogous

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



161.9510, 27.6322, -42.9300



168.8450, 25.2194, -15.6501



172.6590, 17.4231, 11.7001

Triad

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



168.8450, 25.2194, -15.6501



170.9700, -17.7332, 41.2453



159.4440, -3.6699, -36.3464

Complementary

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



168.8450, 25.2194, -15.6501



202.1550, -25.2194, 15.6501

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.



163.5580, -16.5441, -13.6444



168.8450, 25.2194, -15.6501



169.1720, -24.2418, 28.7902

Square

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



168.8450, 25.2194, -15.6501



172.5540, -6.6821, 43.3641



166.7520, -24.0347, 8.9875



156.2210, 11.2300, -55.4448

Rectangle

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



168.8450, 25.2194, -15.6501



173.5100, 10.1016, 26.7397



166.7520, -24.0347, 8.9875



160.6360, -8.2015, -29.4988

Sweetspot

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



168.8450, 25.2194, -15.6501



238.1440, 8.3100, -5.3883



197.4310, 2.7455, -40.7200



117.0580, 5.3944, -3.5589



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.



168.8450, 25.2194, -15.6501



183.1460, 35.4240, -22.0530



163.9490, 27.6331, 3.5527



101.4280, 4.2260, -2.1294



44.9630, 63.1222, -39.4326



11.7010, 16.9094, -10.2618

Inverse Universe

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



173.5690, -2.7455, 40.7200



189.7390, -3.8153, 57.2339



207.0510, -27.6331, -3.5527



102.5170, -0.7479, 6.5626



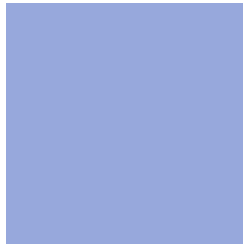
56.6290, -6.7191, 102.0574



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 168.8450, 25.2194, -15.6501 looks on a white background.

Color Contrast Check

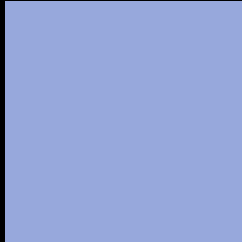
Large Text (above 18pt) WCAG AA × Fail

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 168.8450, 25.2194, -15.6501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

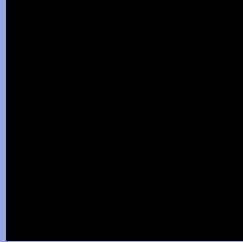
Any Text WCAG AA ✓ Pass

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 168.8450, 25.2194, -15.6501 Background



This preview shows how black text looks on a background with the YUV color 168.8450, 25.2194, -15.6501.



This preview shows how white text looks on a background with the YUV color 168.8450, 25.2194, -15.6501.

-15.6501.

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

168.8450, 25.2194, -15.6501

Protanopia

169.3400, 24.4824, -12.5762

Deuteranopia

169.7640, 24.7663, -10.3170



Tritanopia

166.6260, 10.5374, -19.8430

Trichromacy



Original Color

168.8450, 25.2194, -15.6501

Protanomaly

169.0410, 24.6298, -13.1910

Deuteranomaly

169.4540, 24.9192, -12.6762

Tritanomaly

167.7170, 15.9155, -18.1688

Monochromacy



Original Color

168.8450, 25.2194, -15.6501

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.0730, 9.3310, -6.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8450, 25.2194, -15.6501 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(151, 168, 220)` looks like.

```
.text, #text, p{  
    color:rgb(151, 168, 220)  
}
```

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(151, 168, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 168, 220) }
```

Border

The CSS property to change the border of an element to YUV 168.8450, 25.2194, -15.6501 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(151, 168, 220) }
```


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

```
.border{ border-color:rgb(151, 168, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 168, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 168, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 168, 220);  
box-shadow:4px 4px 4px 4px rgb(151, 168,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 168.8450, 25.2194, -15.6501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 168, 220) }
```

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

```
.background{ background-color: rgb(151,  
168, 220) }
```

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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