

Converting Colors

YUV(125.8450, 58.2504,
-110.3661)

Have a look what the booklet for
YUV(125.8450, 58.2504, -110.3661)
contains.

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Color

**YUV(125.8450, 58.2504,
-110.3661)**

Conversions

Conversions Part 1

Format	Color
Hex	00A7F4
RGB	0, 167, 244
RGB Percent	0%, 65%, 96%
CMY	1.0000, 0.3451, 0.0431
CMYK	1.00, 0.32, 0.00, 0.04
HSL	199°, 100%, 48%
HSV	199°, 100%, 96%
XYZ	30.1479, 34.1691, 90.5943
YIQ	125.8450, -124.2490, -11.4570

Conversions

Conversions Part 2

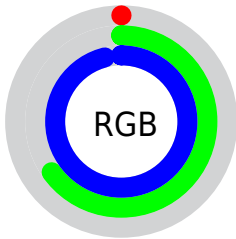
Format	Color
RYB	0, 99, 244
Decimal	42996
CIELab	65.10, -8.56, -48.29
CIELCh	65, 49.041, 259.944
Yxy	34.1691, 0.1946, 0.2206
Android (android.graphics.Color)	4278233076 (0xFF00A7F4)
YUV	125.8450, 58.2504, -110.3661
Hunter-Lab	58.4543, -10.2336, -50.9714

Details

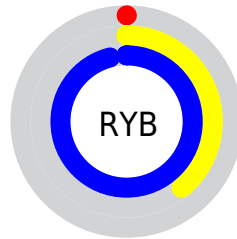
The YUV color **125.8450, 58.2504, -110.3661** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **118.1550, -58.2504, 110.3661**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2740, 30.9239, -72.1543**, and **88.8230, 48.4013, -77.8978** is the 20% darker color. If you saturate the color by 10%, you get **125.8450, 58.2504, -110.3661**, and if you desaturate by 10%, it is **137.7170, 52.3975, -99.7298**.

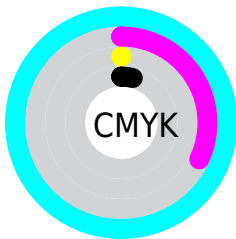
Distribution



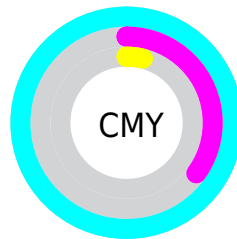
- Red (0%)
- Green (65%)
- Blue (96%)



- Red (0%)
- Yellow (39%)
- Blue (96%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (35%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.8450, 58.2504, -110.3661 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 125.8450, 58.2504, -110.3661 by changing the saturation by 10% instead.

■ 125.8450, 58.2504,
-110.3661

■ 125.8450, 58.2504,
-110.3661

■ 255.0000, 0.0000,
0.0000

■ 107.2770, 53.1074,
-94.0819

■ 192.2740, 30.9239,
-72.1543

■ 88.8230, 48.4013,
-77.8978

■ 218.5770, 17.9565,
-66.2810

■ 71.6570, 43.5531,
-62.8432

■ 231.3790, 11.6452,
-48.5674

■ 55.0780, 38.4155,
-48.3034

■ 240.6480, 7.0755,
-29.5093

■ 39.3140, 33.8622,
-34.4784

■ 250.2160, 2.3585,
-9.8364

■ 25.3110, 28.4407,
-22.1977

■ 10.2480, 24.0347,

-8.9875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 125.8450, 58.2504,
-110.3661

■ 137.7170, 52.3975,
-99.7298

■ 149.3010, 46.6866,
-87.9640

■ 161.1730, 40.8337,
-77.3277

■ 173.3440, 34.8334,
-66.0767

■ 185.2160, 28.9805,
-55.4404

■ 196.5010, 23.4170,
-44.2894

■ 208.6720, 17.4167,
-33.0383

■ 220.5440, 11.5638,
-22.4021

■ 232.1280, 5.8529,
-10.6363

Harmonies

Analogous

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



128.8480, 46.9099, -112.9997



125.8450, 58.2504, -110.3661



157.6610, 41.0861, -18.1197

Triad

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



125.8450, 58.2504, -110.3661



158.1940, -13.8996, 71.7439



144.5200, -22.4414, -35.5360

Complementary

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



125.8450, 58.2504, -110.3661



118.1550, -58.2504, 110.3661

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.



151.4080, -39.1481, 3.1502



125.8450, 58.2504, -110.3661



157.0190, -32.0544, 61.3733

Square

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



125.8450, 58.2504, -110.3661



160.9320, 6.9355, 62.3266



154.5200, -42.1614, 36.3780



121.1470, 9.7875, -106.2459

Rectangle

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



125.8450, 58.2504, -110.3661



162.3510, 31.3790, 15.4782



154.5200, -42.1614, 36.3780



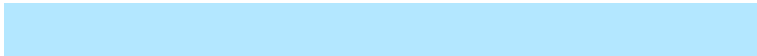
147.4740, -29.3207, -22.3407

Sweetspot

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



125.8450, 58.2504, -110.3661



218.1880, 18.1483, -34.3679



151.5500, -38.7251, -132.9093



105.4410, 11.1216, -20.5578



0.0000, 0.0000, 0.0000



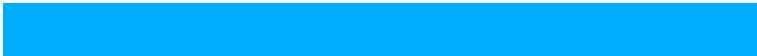
128.0000, 0.0000, 0.0000

Same Dimension

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



125.8450, 58.2504, -110.3661



131.7950, 60.7401, -115.5842



56.5790, 92.3986, -49.6198



116.6510, 2.6371, -5.8329



95.7530, 44.4918, -83.9754



30.2060, 14.1954, -26.4907

Inverse Universe

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



91.9940, 36.9780, 133.3093



96.1950, 38.8509, 139.2720



187.4210, -92.3986, 49.6198



114.6140, 2.1623, 6.4775



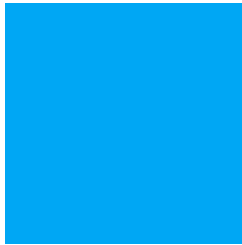
70.0920, 28.0556, 101.6513



22.2010, 8.7749, 32.2727

Previews

White Background



This preview shows how the YUV color 125.8450, 58.2504, -110.3661 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 125.8450, 58.2504, -110.3661 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

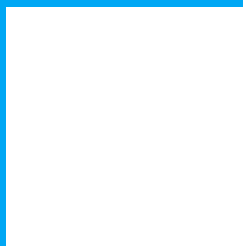
Any Text WCAG AAA ✓ Pass

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

YUV 125.8450, 58.2504, -110.3661 Background



This preview shows how black text looks on a background with the YUV color 125.8450, 58.2504, -110.3661.



This preview shows how white text looks on a background with the YUV color 125.8450, 58.2504, -110.3661.

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



Protanopia

155.8300, 38.0448, -22.6529

Deuteranopia

152.7940, 45.9506, -38.4073

Trichromacy



Protanomaly

145.1680, 45.2732, -54.5213

Deuteranomaly

143.0680, 50.2525, -64.9576

Monochromacy



Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9530, 21.2222, -40.3008

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.8450, 58.2504, -110.3661 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(0, 167, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 244)  
}
```

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(0, 167, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 244) }
```

Border

The CSS property to change the border of an element to YUV 125.8450, 58.2504, -110.3661 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(0, 167, 244) }
```

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

```
.border{ border-color:rgb(0, 167, 244) }
```

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

Here you see how a box with a 4 pixel rgb(0, 167, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
244) }
```


Background

The CSS property to change the background color of an element to YUV 125.8450, 58.2504, -110.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 244) }
```

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

```
.background{ background-color: rgb(0, 167,  
244) }
```

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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