

Converting Colors

YUV(128.8210, 51.3602,
-93.6820)

Have a look what the booklet for
YUV(128.8210, 51.3602, -93.6820)
contains.

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Color

**YUV(128.8210, 51.3602,
-93.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	16A3E9
RGB	22, 163, 233
RGB Percent	9%, 64%, 91%
CMY	0.9137, 0.3608, 0.0863
CMYK	0.91, 0.30, 0.00, 0.09
HSL	200°, 83%, 50%
HSV	200°, 91%, 91%
XYZ	28.1360, 32.2482, 81.8324
YIQ	128.8210, -106.5060, -8.1220

Conversions

Conversions Part 2

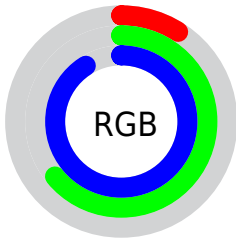
Format	Color
R _Y B	22, 107, 233
Decimal	1483753
CIE Lab	63.55, -9.65, -44.69
CIE LCh	64, 45.717, 257.819
Yxy	32.2482, 0.1978, 0.2268
Android (android.graphics.Color)	4279673833 (0xFF16A3E9)
YUV	128.8210, 51.3602, -93.6820
Hunter-Lab	56.7875, -10.9380, -45.6874

Details

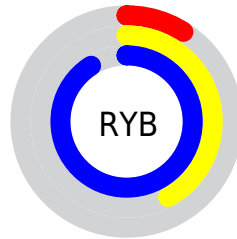
The YUV color **128.8210, 51.3602, -93.6820** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **126.1790, -51.3602, 93.6820**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.2250, 31.9341, -69.4803**, and **85.9220, 44.9015, -75.3536** is the 20% darker color. If you saturate the color by 10%, you get **118.1340, 56.6289, -103.6035**, and if you desaturate by 10%, it is **140.3940, 45.6548, -83.6605**.

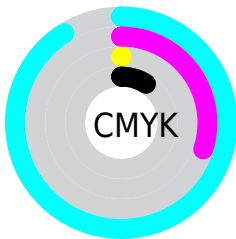
Distribution



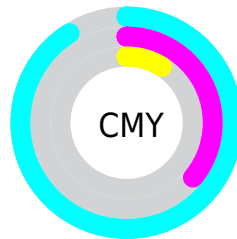
- Red (9%)
- Green (64%)
- Blue (91%)



- Red (9%)
- Yellow (42%)
- Blue (91%)



- Cyan (91%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (91%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.8210, 51.3602, -93.6820 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 128.8210, 51.3602, -93.6820 by changing the saturation by 10% instead.

■ 128.8210, 51.3602,
-93.6820

■ 128.8210, 51.3602,
-93.6820

■ 255.0000, 0.0000,
0.0000

■ 103.7890, 49.8970,
-91.0230

■ 190.2250, 31.9341,
-69.4803

■ 85.9220, 44.9015,
-75.3536

■ 216.5280, 18.9667,
-63.6071

■ 68.1690, 40.3427,
-59.7842

■ 231.3790, 11.6452,
-48.5674

■ 51.7040, 35.6419,
-45.3444

■ 240.6480, 7.0755,
-29.5093

■ 36.4130, 30.3624,
-31.9342

■ 249.9170, 2.5059,
-10.4512

■ 21.9370, 25.6671,
-19.2387

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 128.8210, 51.3602,
-93.6820

■ 128.8210, 51.3602,
-93.6820

■ 118.1340, 56.6289,
-103.6035

■ 140.3940, 45.6548,
-83.6605

■ 151.6790, 40.0913,
-72.5095

■ 163.2520, 34.3858,
-62.4880

■ 174.8250, 28.6803,
-52.4665

■ 186.6970, 22.8274,
-41.8303

■ 197.6830, 17.4113,
-31.2940

■ 209.2560, 11.7058,
-21.2725

■ 220.8290, 6.0003,
-11.2510

■ 232.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



124.6590, 43.5521, -109.3259



128.8210, 51.3602, -93.6820



153.2540, 38.3288, -20.3938

Triad

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



128.8210, 51.3602, -93.6820



155.0300, -11.8468, 66.6257



142.5530, -22.4576, -30.3030

Complementary

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



128.8210, 51.3602, -93.6820



126.1790, -51.3602, 93.6820

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.



147.7010, -36.8276, 5.5242



128.8210, 51.3602, -93.6820



153.5070, -28.8440, 58.3144

Square

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



128.8210, 51.3602, -93.6820



157.3010, 7.2466, 55.8640



151.4320, -38.6670, 35.5781



127.9930, 3.4545, -81.5549

Rectangle

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



128.8210, 51.3602, -93.6820



157.5740, 29.7900, 11.7746



151.4320, -38.6670, 35.5781



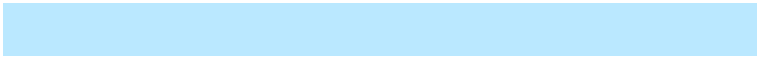
144.7350, -28.4634, -17.3076

Sweetspot

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



128.8210, 51.3602, -93.6820



220.8680, 16.8271, -30.5792



153.4950, -31.7960, -115.3211



107.5230, 10.0952, -17.9987



0.0000, 0.0000, 0.0000



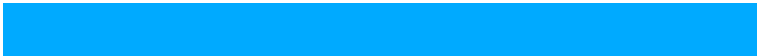
128.0000, 0.0000, 0.0000

Same Dimension

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



128.8210, 51.3602, -93.6820



128.8600, 62.1870, -113.0102



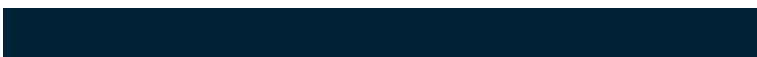
68.9470, 80.8781, -41.1725



111.3630, 2.7790, -4.7034



91.6610, 44.0441, -80.3867



27.2880, 13.1690, -23.9316

Inverse Universe

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



101.1630, 30.4856, 115.6210



95.6250, 36.6669, 139.7719



186.0530, -80.8781, 41.1725



110.0870, 1.4361, 6.0627



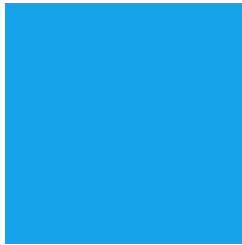
67.9130, 26.1719, 99.1773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 128.8210, 51.3602, -93.6820 looks on a white background.

Color Contrast Check

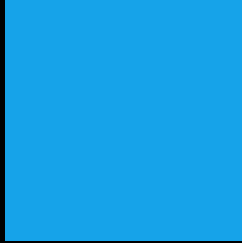
Large Text (above 18pt) WCAG AA × Fail

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 128.8210, 51.3602, -93.6820 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

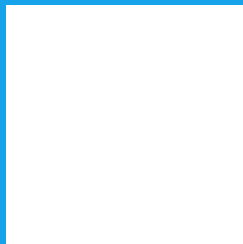
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 128.8210, 51.3602, -93.6820

Background



This preview shows how black text looks on a background with the YUV color 128.8210, 51.3602, -93.6820.

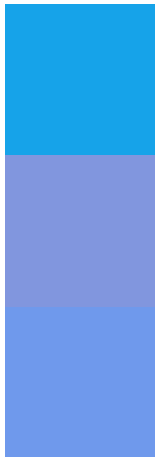


This preview shows how white text looks on a background with the YUV color 128.8210, 51.3602, -93.6820.

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

128.8210, 51.3602, -93.6820

Protanopia

151.9290, 34.5450, -20.1087

Deuteranopia

149.9040, 42.4453, -34.1188



Tritanopia

120.6520, 30.7376, -105.8118

Trichromacy



Original Color

128.8210, 51.3602, -93.6820

Protanomaly

143.6590, 40.5941, -47.0589

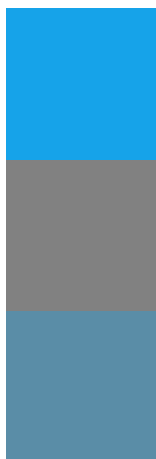
Deuteranomaly

142.5700, 45.5680, -55.7509

Tritanomaly

123.3350, 38.2888, -101.1488

Monochromacy



Original Color

128.8210, 51.3602, -93.6820

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7150, 18.8745, -33.9531

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.8210, 51.3602, -93.6820 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(22, 163, 233)` looks like.

```
.text, #text, p{  
    color:rgb(22, 163, 233)  
}
```

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(22, 163, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 163, 233) }
```

Border

The CSS property to change the border of an element to YUV 128.8210, 51.3602, -93.6820 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(22, 163, 233) }
```


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

```
.border{ border-color:rgb(22, 163, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 163, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 163, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 163, 233);  
box-shadow:4px 4px 4px 4px rgb(22, 163,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 128.8210, 51.3602, -93.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 163, 233) }
```

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

```
.background{ background-color: rgb(22, 163,  
233) }
```

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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