

Converting Colors

YUV(127.2130, 50.1810,
-88.7638)

Have a look what the booklet for
YUV(127.2130, 50.1810, -88.7638)
contains.

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Color

**YUV(127.2130, 50.1810,
-88.7638)**

Conversions

Conversions Part 1

Format	Color
Hex	1A9FE5
RGB	26, 159, 229
RGB Percent	10%, 62%, 90%
CMY	0.8980, 0.3765, 0.1020
CMYK	0.89, 0.31, 0.00, 0.10
HSL	201°, 80%, 50%
HSV	201°, 89%, 90%
XYZ	26.9670, 30.6730, 78.6279
YIQ	127.2130, -101.7380, -6.4260

Conversions

Conversions Part 2

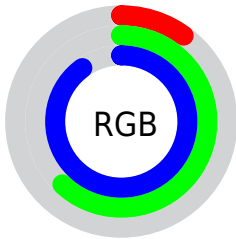
Format	Color
R _Y B	26, 106, 229
Decimal	1744869
CIE Lab	62.23, -8.65, -44.55
CIE LCh	62, 45.385, 259.011
Yxy	30.6730, 0.1979, 0.2251
Android (android.graphics.Color)	4279934949 (0xFF1A9FE5)
YUV	127.2130, 50.1810, -88.7638
Hunter-Lab	55.3832, -10.0061, -45.4061

Details

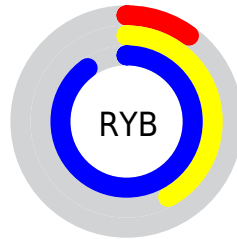
The YUV color **127.2130, 50.1810, -88.7638** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **127.7870, -50.1810, 88.7638**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2900, 33.3810, -66.9063**, and **83.1180, 44.3118, -72.8945** is the 20% darker color. If you saturate the color by 10%, you get **115.6400, 55.8865, -98.7853**, and if you desaturate by 10%, it is **138.7860, 44.4755, -78.7423**.

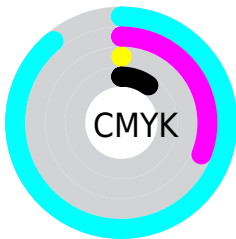
Distribution



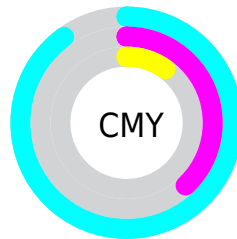
- Red (10%)
- Green (62%)
- Blue (90%)



- Red (10%)
- Yellow (42%)
- Blue (90%)



- Cyan (89%)
- Magenta (31%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.2130, 50.1810, -88.7638 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 127.2130, 50.1810, -88.7638 by changing the saturation by 10% instead.

127.2130, 50.1810,
-88.7638

127.2130, 50.1810,
-88.7638

255.0000, 0.0000,
0.0000

100.9850, 49.3074,
-88.5638

187.2900, 33.3810,
-66.9063

83.1180, 44.3118,
-72.8945

214.1800, 20.1243,
-61.5479

65.9520, 39.4637,
-57.8399

231.0800, 11.7926,
-49.1822

49.4870, 34.7629,
-43.4001

240.3490, 7.2229,
-30.1241

34.3100, 29.9202,
-30.0899

249.6180, 2.6533,
-11.0660

19.8340, 25.2248,
-17.3944

7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 127.2130, 50.1810,
-88.7638

■ 127.2130, 50.1810,
-88.7638

■ 115.6400, 55.8865,
-98.7853

■ 138.7860, 44.4755,
-78.7423

■ 114.1560, 56.6181,
-100.1148

■ 150.3590, 38.7700,
-68.7208

■ 161.9320, 33.0645,
-58.6994

■ 173.5050, 27.3590,
-48.6779

■ 184.1920, 22.0903,
-38.7564

■ 195.7650, 16.3849,
-28.7349

■ 207.3380, 10.6794,
-18.7134

■ 218.9110, 4.9739,
-8.6919

■ 230.4840, -0.7316,
1.3295

Harmonies

Analogous

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



121.9690, 43.3993, -106.9668



127.2130, 50.1810, -88.7638



150.4500, 37.7392, -17.9346

Triad

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



127.2130, 50.1810, -88.7638



151.2040, -12.4256, 65.5961



138.5960, -20.9998, -31.2177

Complementary

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



127.2130, 50.1810, -88.7638



127.7870, -50.1810, 88.7638

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.



144.2170, -36.0960, 4.1947



127.2130, 50.1810, -88.7638



149.7950, -28.9859, 57.1848

Square

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



127.2130, 50.1810, -88.7638



153.4860, 6.6624, 56.5788



147.8340, -38.3722, 34.3486



122.5410, 5.6493, -85.5435

Rectangle

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



127.2130, 50.1810, -88.7638



154.3570, 28.9110, 13.7189



147.8340, -38.3722, 34.3486



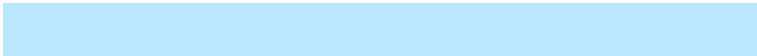
141.0660, -27.1475, -19.3519

Sweetspot

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



127.2130, 50.1810, -88.7638



220.2810, 17.1165, -30.0644



152.9130, -29.0441, -111.3027



106.9360, 10.3846, -17.4839



0.0000, 0.0000, 0.0000



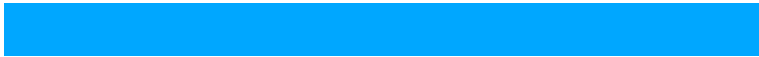
128.0000, 0.0000, 0.0000

Same Dimension

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



127.2130, 50.1810, -88.7638



127.0990, 63.0552, -111.4658



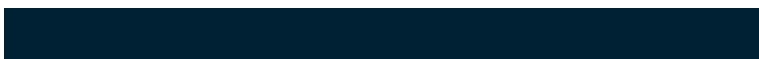
69.1000, 78.8307, -37.7987



109.0640, 2.9264, -5.3181



89.0850, 44.3281, -78.1275



25.1850, 12.7268, -22.0872

Inverse Universe

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



101.8590, 28.1705, 111.5027



95.2830, 35.3565, 140.0718



185.9000, -78.8307, 37.7987



107.5000, 1.7255, 6.5775



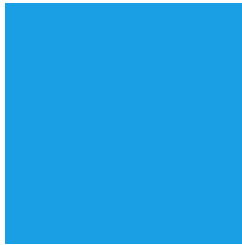
66.8590, 24.7195, 98.3477



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 127.2130, 50.1810, -88.7638 looks on a white background.

Color Contrast Check

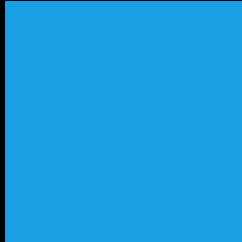
Large Text (above 18pt) WCAG AA × Fail

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 127.2130, 50.1810, -88.7638 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

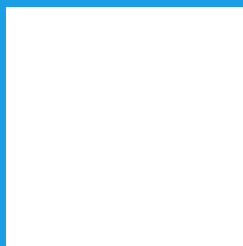
Any Text WCAG AAA ✓ Pass

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

YUV 127.2130, 50.1810, -88.7638 Background



This preview shows how black text looks on a background with the YUV color 127.2130, 50.1810, -88.7638.

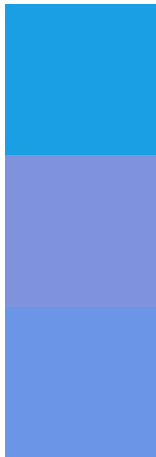


This preview shows how white text looks on a background with the YUV color 127.2130, 50.1810, -88.7638.

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

127.2130, 50.1810, -88.7638

Protanopia

148.9290, 34.5450, -20.1087

Deuteranopia

145.7900, 42.0085, -34.0188



Tritanopia

117.8480, 30.1479, -103.3527

Trichromacy



Original Color

127.2130, 50.1810, -88.7638

Protanomaly

140.9690, 40.4413, -44.6998

Deuteranomaly

139.3530, 44.6890, -53.8066

Tritanomaly

120.8300, 37.5518, -98.0749

Monochromacy



Original Color

127.2130, 50.1810, -88.7638

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.1990, 18.1429, -32.6235

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.2130, 50.1810, -88.7638 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(26, 159, 229)` looks like.

```
.text, #text, p{  
    color:rgb(26, 159, 229)  
}
```

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(26, 159, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 159, 229) }
```

Border

The CSS property to change the border of an element to YUV 127.2130, 50.1810, -88.7638 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(26, 159, 229) }
```


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

```
.border{ border-color:rgb(26, 159, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 159, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 159, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 159, 229);  
box-shadow:4px 4px 4px 4px rgb(26, 159,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 127.2130, 50.1810, -88.7638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 159, 229) }
```

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

```
.background{ background-color: rgb(26, 159,  
229) }
```

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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