

Converting Colors

YUV(128.2560, 51.6388,
-89.6785)

Have a look what the booklet for
YUV(128.2560, 51.6388, -89.6785)
contains.

YUV(128.2560, 51.6388, -89.6785)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(128.2560, 51.6388,
-89.6785)**

Conversions

Conversions Part 1

Format	Color
Hex	1AA0E9
RGB	26, 160, 233
RGB Percent	10%, 63%, 91%
CMY	0.8980, 0.3725, 0.0863
CMYK	0.89, 0.31, 0.00, 0.09
HSL	201°, 82%, 51%
HSV	201°, 89%, 91%
XYZ	27.7048, 31.2444, 81.6614
YIQ	128.2560, -103.2970, -5.7050

Conversions

Conversions Part 2

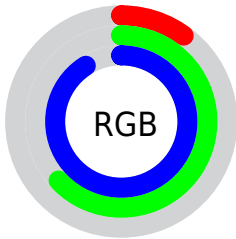
Format	Color
R _Y B	26, 107, 233
Decimal	1745129
CIE Lab	62.71, -7.76, -46.00
CIE LCh	63, 46.649, 260.421
Yxy	31.2444, 0.1970, 0.2222
Android (android.graphics.Color)	4279935209 (0xFF1AA0E9)
YUV	128.2560, 51.6388, -89.6785
Hunter-Lab	55.8967, -9.3470, -47.4911

Details

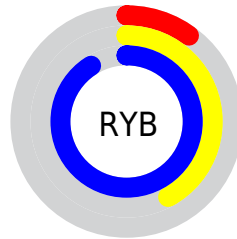
The YUV color **128.2560, 51.6388, -89.6785** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **130.7440, -51.6388, 89.6785**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.7630, 32.6548, -67.3212**, and **84.1610, 45.7696, -73.8092** is the 20% darker color. If you saturate the color by 10%, you get **116.6830, 57.3443, -99.7000**, and if you desaturate by 10%, it is **139.8290, 45.9333, -79.6570**.

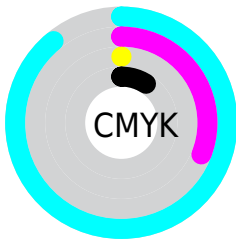
Distribution



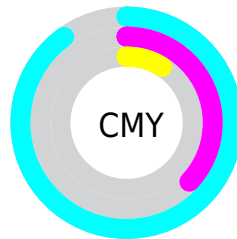
- Red (10%)
- Green (63%)
- Blue (91%)



- Red (10%)
- Yellow (42%)
- Blue (91%)



- Cyan (89%)
- Magenta (31%)
- Yellow (0%)
- Black (9%)



- Cyan (90%)
- Magenta (37%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2560, 51.6388, -89.6785 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 128.2560, 51.6388, -89.6785 by changing the saturation by 10% instead.

■ 128.2560, 51.6388,
-89.6785

■ 128.2560, 51.6388,
-89.6785

■ 255.0000, 0.0000,
0.0000

■ 102.0280, 50.7652,
-89.4786

■ 188.7630, 32.6548,
-67.3212

■ 84.1610, 45.7696,
-73.8092

■ 215.0660, 19.6875,
-61.4479

■ 66.9950, 40.9215,
-58.7546

■ 231.3790, 11.6452,
-48.5674

■ 50.5300, 36.2207,
-44.3148

■ 240.9470, 6.9281,
-28.8945

■ 35.2390, 30.9412,
-30.9046

■ 250.2160, 2.3585,
-9.8364

■ 20.7630, 26.2458,
-18.2092

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 128.2560, 51.6388,
-89.6785

■ 128.2560, 51.6388,
-89.6785

■ 116.6830, 57.3443,
-99.7000

■ 139.8290, 45.9333,
-79.6570

■ 115.1990, 58.0759,
-101.0295

■ 151.7010, 40.0804,
-69.0208

■ 163.8610, 34.0855,
-59.5141

■ 175.4340, 28.3800,
-49.4926

■ 187.0070, 22.6745,
-39.4711

■ 198.8790, 16.8217,
-28.8349

■ 211.0390, 10.8268,
-19.3282

■ 222.6120, 5.1213,
-9.3067

■ 234.4840, -0.7316,
1.3295

Harmonies

Analogous

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



123.7130, 45.0045, -108.4963



128.2560, 51.6388, -89.6785



151.5750, 38.1705, -16.2903

Triad

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



128.2560, 51.6388, -89.6785



152.2860, -13.4520, 68.1552



138.9870, -20.6996, -34.1916

Complementary

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



128.2560, 51.6388, -89.6785



130.7440, -51.6388, 89.6785

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.



145.0920, -36.5274, 2.5503



128.2560, 51.6388, -89.6785



151.3390, -30.7331, 57.5847

Square

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



128.2560, 51.6388, -89.6785



154.6820, 6.0728, 59.0379



149.0790, -39.9719, 34.1337



116.5820, 10.0661, -102.2424

Rectangle

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



128.2560, 51.6388, -89.6785



155.7810, 29.1950, 15.9781



149.0790, -39.9719, 34.1337



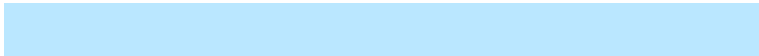
141.6420, -27.4315, -21.6110

Sweetspot

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



128.2560, 51.6388, -89.6785



220.2810, 17.1165, -30.0644



155.7170, -28.4545, -113.7618



106.9360, 10.3846, -17.4839



0.0000, 0.0000, 0.0000



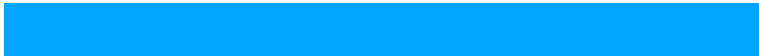
128.0000, 0.0000, 0.0000

Same Dimension

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



128.2560, 51.6388, -89.6785



125.9250, 63.6340, -110.4362



67.7950, 81.4461, -36.6542



111.3630, 2.7790, -4.7034



89.3130, 45.2017, -78.3275



26.7010, 13.4584, -23.4168

Inverse Universe

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



103.1690, 28.0177, 113.8618



95.0550, 34.4829, 140.2718



191.2050, -81.4461, 36.6542



110.0870, 1.4361, 6.0627



67.4570, 24.4247, 99.5772



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 128.2560, 51.6388, -89.6785 looks on a white background.

Color Contrast Check

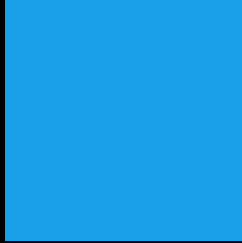
Large Text (above 18pt) WCAG AA × Fail

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 128.2560, 51.6388, -89.6785 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

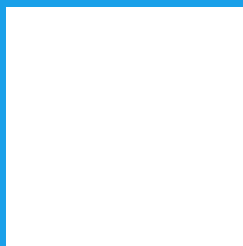
Any Text WCAG AAA ✓ Pass

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

YUV 128.2560, 51.6388, -89.6785 Background



This preview shows how black text looks on a background with the YUV color 128.2560, 51.6388, -89.6785.



This preview shows how white text looks on a background with the YUV color 128.2560, 51.6388, -89.6785.

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

128.2560, 51.6388, -89.6785

Protanopia

149.6730, 36.1502, -21.6382

Deuteranopia

147.1210, 43.3243, -36.0631



Tritanopia

118.5490, 30.2953, -103.9675

Trichromacy



Original Color

128.2560, 51.6388, -89.6785

Protanomaly

141.7130, 42.0465, -46.2293

Deuteranomaly

140.0970, 46.2942, -55.3361

Tritanomaly

121.6450, 38.1360, -98.7897

Monochromacy



Original Color

128.2560, 51.6388, -89.6785

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.3130, 18.5797, -32.7235

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2560, 51.6388, -89.6785 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, 160, 233)` looks like.

```
.text, #text, p{  
    color:rgb(26, 160, 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(26, 160, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 160, 233) }
```

Border

The CSS property to change the border of an element to YUV 128.2560, 51.6388, -89.6785 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, 160, 233) }
```


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

```
.border{ border-color:rgb(26, 160, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 160, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 160, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 160, 233);  
box-shadow:4px 4px 4px 4px rgb(26, 160,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 128.2560, 51.6388, -89.6785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 160, 233) }
```

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

```
.background{ background-color: rgb(26, 160,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor