

Converting Colors

YUV(132.2860, 56.0610,
-108.1218)

Have a look what the booklet for
YUV(132.2860, 56.0610, -108.1218)
contains.

YUV(132.2860, 56.0610, -108.1218)	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(132.2860, 56.0610,
-108.1218)**

Conversions

Conversions Part 1

Format	Color
Hex	09ADF6
RGB	9, 173, 246
RGB Percent	4%, 68%, 96%
CMY	0.9647, 0.3216, 0.0353
CMYK	0.96, 0.30, 0.00, 0.04
HSL	198°, 93%, 50%
HSV	198°, 96%, 96%
XYZ	31.6908, 36.5990, 92.5828
YIQ	132.2860, -121.1770, -12.0650

Conversions

Conversions Part 2

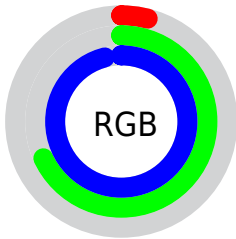
Format	Color
RYP	9, 106, 246
Decimal	634358
CIELab	66.98, -10.94, -46.42
CIElCh	67, 47.687, 256.738
Yxy	36.5990, 0.1970, 0.2275
Android (android.graphics.Color)	4278824438 (0xFF09ADF6)
YUV	132.2860, 56.0610, -108.1218
Hunter-Lab	60.4971, -12.3647, -48.3875

Details

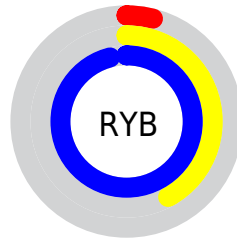
The YUV color **132.2860, 56.0610, -108.1218** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **122.7140, -56.0610, 108.1218**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3940, 28.8928, -74.0135**, and **92.5730, 47.5385, -81.1865** is the 20% darker color. If you saturate the color by 10%, you get **127.8340, 58.2558, -112.1104**, and if you desaturate by 10%, it is **144.4570, 50.0607, -96.8708**.

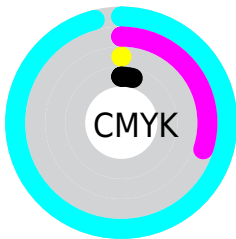
Distribution



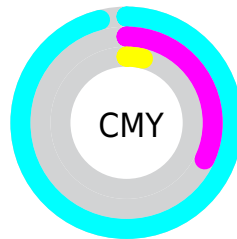
- Red (4%)
- Green (68%)
- Blue (96%)



- Red (4%)
- Yellow (42%)
- Blue (96%)



- Cyan (96%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (32%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.2860, 56.0610, -108.1218 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 132.2860, 56.0610, -108.1218 by changing the saturation by 10% instead.

■ 132.2860, 56.0610,
-108.1218

■ 132.2860, 56.0610,
-108.1218

255.0000, 0.0000,
0.0000

■ 111.0270, 52.2447,
-97.3707

■ 196.3940, 28.8928,
-74.0135

■ 92.5730, 47.5385,
-81.1865

■ 222.4090, 16.0674,
-67.0107

■ 74.8200, 42.9797,
-65.6171

■ 231.9770, 11.3503,
-47.3378

■ 58.2410, 37.8422,
-51.0774

■ 241.5450, 6.6333,
-27.6650

■ 42.4770, 33.2888,
-37.2523

■ 250.8140, 2.0637,
-8.6069

■ 27.8870, 28.1567,
-24.4569

■ 10.4760, 24.9083,

-9.1875

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 132.2860, 56.0610,
-108.1218

■ 132.2860, 56.0610,
-108.1218

■ 127.8340, 58.2558,
-112.1104

■ 144.4570, 50.0607,
-96.8708

■ 155.7420, 44.4972,
-85.7197

■ 167.9130, 38.4969,
-74.4687

■ 179.1980, 32.9334,
-63.3176

■ 191.3690, 26.9331,
-52.0666

■ 202.9530, 21.2222,
-40.3008

■ 214.8250, 15.3693,
-29.6645

■ 226.9960, 9.3690,
-18.4135

■ 238.2810, 3.8055,
-7.2624

Harmonies

Analogous

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



132.3700, 45.1736, -116.0885



132.2860, 56.0610, -108.1218



161.6280, 41.1024, -23.3528

Triad

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



132.2860, 56.0610, -108.1218



164.1660, -11.4208, 70.0144



150.7980, -24.0574, -30.5178

Complementary

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



132.2860, 56.0610, -108.1218



122.7140, -56.0610, 108.1218

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.



156.8430, -38.8696, 7.1537



132.2860, 56.0610, -108.1218



162.3010, -29.7284, 62.0030

Square

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



132.2860, 56.0610, -108.1218



166.3660, 8.6936, 58.4380



160.5850, -40.7144, 38.9520



137.0530, 2.4389, -82.4845

Rectangle

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



132.2860, 56.0610, -108.1218



166.8450, 32.1214, 10.6599



160.5850, -40.7144, 38.9520



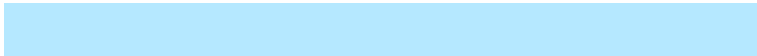
153.2790, -30.2105, -16.9077

Sweetspot

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



132.2860, 56.0610, -108.1218



219.3730, 17.5641, -33.6531



156.2130, -37.5730, -129.1058



106.3270, 10.6848, -20.4578



0.0000, 0.0000, 0.0000



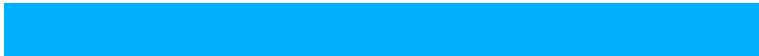
128.0000, 0.0000, 0.0000

Same Dimension

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



132.2860, 56.0610, -108.1218



132.3820, 60.4507, -116.0990



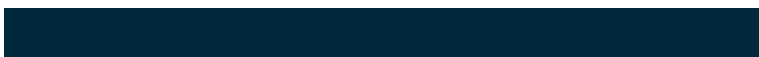
63.6070, 89.9197, -47.8903



116.6510, 2.6371, -5.8329



96.9270, 43.9130, -85.0050



30.7930, 13.9061, -27.0055

Inverse Universe

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



98.5590, 36.6994, 129.3058



96.3090, 39.2877, 139.1720



191.3930, -89.9197, 47.8903



114.6140, 2.1623, 6.4775



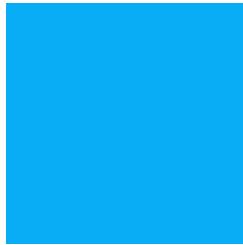
70.3200, 28.9292, 101.4514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 132.2860, 56.0610, -108.1218 looks on a white background.

Color Contrast Check

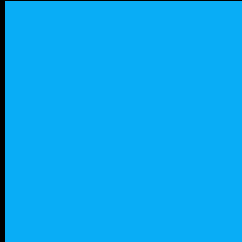
Large Text (above 18pt) WCAG AA × Fail

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 132.2860, 56.0610, -108.1218 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

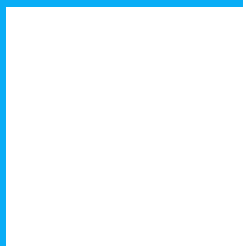
Any Text WCAG AAA ✓ Pass

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

YUV 132.2860, 56.0610, -108.1218 Background



This preview shows how black text looks on a background with the YUV color 132.2860, 56.0610, -108.1218.

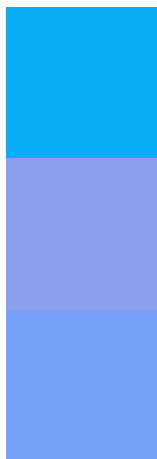


This preview shows how white text looks on a background with the YUV color 132.2860, 56.0610, -108.1218.

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

132.2860, 56.0610, -108.1218

Protanopia

161.0860, 36.4396, -21.1234

Deuteranopia

158.1750, 44.7767, -35.2335



Tritanopia

127.6620, 32.2116, -111.9596

Trichromacy



Original Color

132.2860, 56.0610, -108.1218

Protanomaly

150.4240, 43.6680, -52.9918

Deuteranomaly

148.4490, 49.0786, -61.7838

Tritanomaly

128.9640, 40.9367, -110.4704

Monochromacy



Original Color

132.2860, 56.0610, -108.1218

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.0240, 20.2012, -39.4860

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.2860, 56.0610, -108.1218 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(9, 173, 246)` looks like.

```
.text, #text, p{  
    color:rgb(9, 173, 246)  
}
```

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(9, 173, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 173, 246) }
```

Border

The CSS property to change the border of an element to YUV 132.2860, 56.0610, -108.1218 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(9, 173, 246) }
```


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

```
.border{ border-color:rgb(9, 173, 246) }
```

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

Here you see how a box with a 4 pixel rgb(9, 173, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 173, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 173, 246);  
box-shadow:4px 4px 4px 4px rgb(9, 173,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 132.2860, 56.0610, -108.1218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 173, 246) }
```

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

```
.background{ background-color: rgb(9, 173,  
246) }
```

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