

Converting Colors

YUV(136.2800, 58.5290,
-106.3626)

Have a look what the booklet for
YUV(136.2800, 58.5290, -106.3626)
contains.

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Color

**YUV(136.2800, 58.5290,
-106.3626)**

Conversions

Conversions Part 1

Format	Color
Hex	0FAFFF
RGB	15, 175, 255
RGB Percent	6%, 69%, 100%
CMY	0.9412, 0.3137, 0.0000
CMYK	0.94, 0.31, 0.00, 0.00
HSL	200°, 100%, 53%
HSV	200°, 94%, 100%
XYZ	33.5770, 37.9815, 100.1692
YIQ	136.2800, -121.0400, -9.0400

Conversions

Conversions Part 2

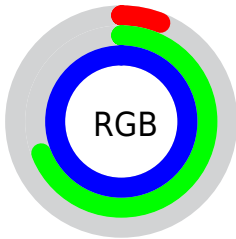
Format	Color
R _Y B	15, 111, 255
Decimal	1028095
CIE Lab	68.01, -8.64, -49.68
CIE LCh	68, 50.422, 260.132
Yxy	37.9815, 0.1955, 0.2212
Android (android.graphics.Color)	4279218175 (0xFF0FAFFF)
YUV	136.2800, 58.5290, -106.3626
Hunter-Lab	61.6291, -10.6001, -53.2269

Details

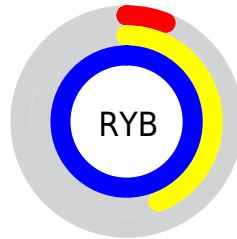
The YUV color **136.2800, 58.5290, -106.3626** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **133.7200, -58.5290, 106.3626**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4650, 27.8718, -73.1988**, and **94.7730, 50.8909, -83.1159** is the 20% darker color. If you saturate the color by 10%, you get **128.8600, 62.1870, -113.0102**, and if you desaturate by 10%, it is **148.7500, 52.3813, -94.4968**.

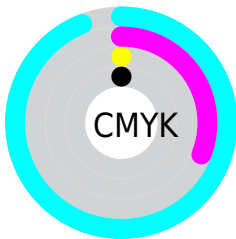
Distribution



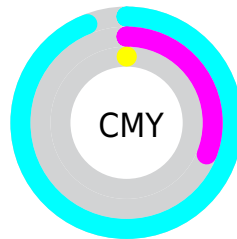
- Red (6%)
- Green (69%)
- Blue (100%)



- Red (6%)
- Yellow (44%)
- Blue (100%)



- Cyan (94%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.2800, 58.5290, -106.3626 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 136.2800, 58.5290, -106.3626 by changing the saturation by 10% instead.

■ 136.2800, 58.5290,
-106.3626

■ 136.2800, 58.5290,
-106.3626

■ 255.0000, 0.0000,
0.0000

■ 113.2270, 55.5971,
-99.3001

■ 198.4650, 27.8718,
-73.1988

■ 94.7730, 50.8909,
-83.1159

■ 223.3060, 15.6251,
-65.1664

■ 76.9060, 45.8953,
-67.4466

■ 232.8740, 10.9081,
-45.4935

■ 60.3270, 40.7578,
-52.9068

■ 242.4420, 6.1911,
-25.8206

■ 44.4490, 35.7676,
-38.9818

■ 252.0100, 1.4741,
-6.1478

■ 29.2720, 30.9249,
-25.6715

■ 11.8610, 27.6765,

-10.4021

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 136.2800, 58.5290,
-106.3626

■ 136.2800, 58.5290,
-106.3626

■ 128.8600, 62.1870,
-113.0102

■ 148.7500, 52.3813,
-94.4968

■ 161.5080, 46.0916,
-83.7605

■ 173.9780, 39.9438,
-71.8947

■ 186.7360, 33.6542,
-61.1585

■ 199.7930, 27.2171,
-49.8075

■ 211.9640, 21.2167,
-38.5564

■ 225.0210, 14.7796,
-27.2054

■ 237.1920, 8.7793,
-15.9544

■ 250.2490, 2.3422,
-4.6034

Harmonies

Analogous

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



135.3850, 49.1102, -118.7326



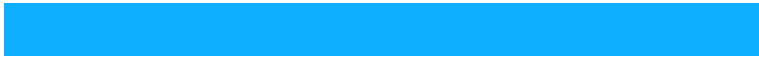
136.2800, 58.5290, -106.3626



165.5900, 42.1071, -18.9344

Triad

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



136.2800, 58.5290, -106.3626



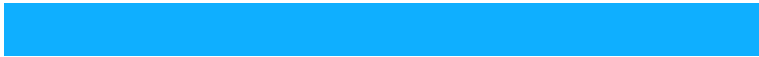
166.3900, -14.4893, 74.2030



151.9820, -23.1621, -37.6952

Complementary

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



136.2800, 58.5290, -106.3626



133.7200, -58.5290, 106.3626

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.



158.6530, -40.7479, 2.9353



136.2800, 58.5290, -106.3626



164.6880, -33.3702, 63.4176

Square

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



136.2800, 58.5290, -106.3626



168.9430, 6.9301, 64.0710



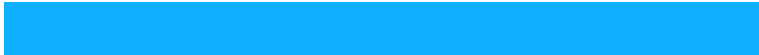
162.4770, -43.6192, 37.2927



127.3420, 10.6774, -111.6789

Rectangle

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



136.2800, 58.5290, -106.3626



170.2910, 32.3945, 16.4078



162.4770, -43.6192, 37.2927



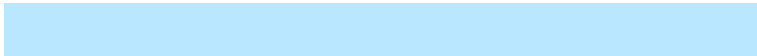
154.5340, -30.3363, -23.2703

Sweetspot

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



136.2800, 58.5290, -106.3626



219.6830, 17.4113, -31.2940



165.0000, -34.5100, -131.5500



106.0390, 10.8268, -19.3282



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.



136.2800, 58.5290, -106.3626



128.8600, 62.1870, -113.0102



65.8400, 93.2559, -44.5867



121.1780, 3.3632, -5.4181



96.3230, 46.6758, -84.4753



31.9500, 15.8006, -28.0202

Inverse Universe

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



105.0000, 34.5100, 131.5500



95.6250, 36.6669, 139.7719



204.1600, -93.2559, 44.5867



119.7990, 1.5781, 7.1923



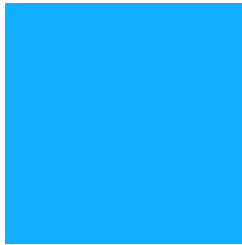
71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 136.2800, 58.5290, -106.3626 looks on a white background.

Color Contrast Check

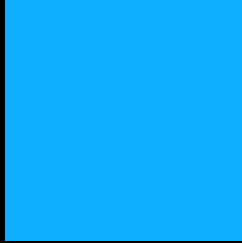
Large Text (above 18pt) WCAG AA × Fail

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 136.2800, 58.5290, -106.3626 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

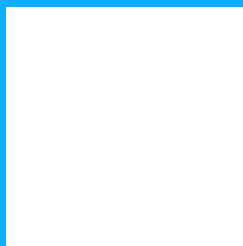
Any Text WCAG AAA ✓ Pass

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

YUV 136.2800, 58.5290, -106.3626 Background



This preview shows how black text looks on a background with the YUV color 136.2800, 58.5290, -106.3626.



This preview shows how white text looks on a background with the YUV color 136.2800, 58.5290, -106.3626.

-106.3626.

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

136.2800, 58.5290, -106.3626

Protanopia

163.8730, 39.5026, -23.5676

Deuteranopia

160.3210, 46.6767, -37.9925



Tritanopia

129.7650, 32.6539, -113.8039

Trichromacy



Original Color

136.2800, 58.5290, -106.3626

Protanomaly

154.1080, 46.2888, -53.5917

Deuteranomaly

151.6060, 50.9732, -62.7985

Tritanomaly

131.8930, 41.9578, -111.2852

Monochromacy



Original Color

136.2800, 58.5290, -106.3626

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9640, 21.2167, -38.5564

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2800, 58.5290, -106.3626 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(15, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(15, 175, 255)  
}
```

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(15, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 175, 255) }
```

Border

The CSS property to change the border of an element to YUV 136.2800, 58.5290, -106.3626 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(15, 175, 255) }
```


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

```
.border{ border-color:rgb(15, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(15, 175,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 136.2800, 58.5290, -106.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 175, 255) }
```

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

```
.background{ background-color: rgb(15, 175,  
255) }
```

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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