

Converting Colors

YUV(109.1080, 59.5998,
-76.3937)

Have a look what the booklet for
YUV(109.1080, 59.5998, -76.3937)
contains.

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Color

**YUV(109.1080, 59.5998,
-76.3937)**

Conversions

Conversions Part 1

Format	Color
Hex	1682E6
RGB	22, 130, 230
RGB Percent	9%, 51%, 90%
CMY	0.9137, 0.4902, 0.0980
CMYK	0.90, 0.43, 0.00, 0.10
HSL	209°, 83%, 49%
HSV	209°, 90%, 90%
XYZ	22.5964, 21.8490, 77.8892
YIQ	109.1080, -96.4680, 8.2040

Conversions

Conversions Part 2

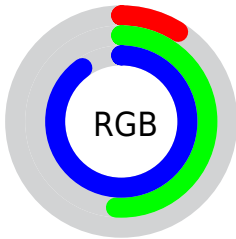
Format	Color
R _Y B	22, 93, 230
Decimal	1475302
CIE Lab	53.87, 8.60, -58.41
CIE LCh	54, 59.039, 278.372
Yxy	21.8490, 0.1847, 0.1786
Android (android.graphics.Color)	4279665382 (0xFF1682E6)
YUV	109.1080, 59.5998, -76.3937
Hunter-Lab	46.7429, 4.4903, -66.0768

Details

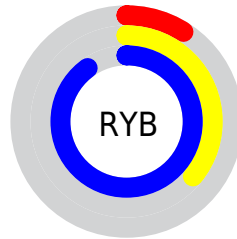
The YUV color **109.1080, 59.5998, -76.3937** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **142.8920, -59.5998, 76.3937**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7940, 42.4996, -51.5623**, and **67.9700, 52.2728, -59.6097** is the 20% darker color. If you saturate the color by 10%, you get **96.0730, 66.0260, -84.2560**, and if you desaturate by 10%, it is **122.4420, 53.0261, -67.9166**.

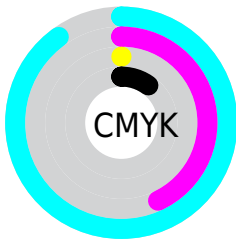
Distribution



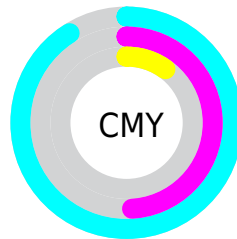
- Red (9%)
- Green (51%)
- Blue (90%)



- Red (9%)
- Yellow (36%)
- Blue (90%)



- Cyan (90%)
- Magenta (43%)
- Yellow (0%)
- Black (10%)



- Cyan (91%)
- Magenta (49%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1080, 59.5998, -76.3937 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 109.1080, 59.5998, -76.3937 by changing the saturation by 10% instead.

■ 109.1080, 59.5998,
-76.3937

■ 109.1080, 59.5998,
-76.3937

255.0000, 0.0000,
0.0000

■ 84.6630, 57.8471,
-74.2495

■ 168.7940, 42.4996,
-51.5623

■ 67.9700, 52.2728,
-59.6097

■ 194.7980, 29.6796,
-46.3038

■ 51.9780, 46.8458,
-45.5847

■ 220.8020, 16.8596,
-41.0454

■ 36.5730, 41.1295,
-32.0745

■ 240.0500, 7.3704,
-30.7388

■ 21.9830, 35.9974,
-19.2791

■ 249.3190, 2.8007,
-11.6808

■ 12.6760, 28.2607,
-11.1169

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 109.1080, 59.5998,
-76.3937

■ 109.1080, 59.5998,
-76.3937

■ 96.0730, 66.0260,
-84.2560

■ 122.4420, 53.0261,
-67.9166

■ 135.7760, 46.4524,
-59.4396

■ 149.1100, 39.8788,
-50.9625

■ 162.4440, 33.3051,
-42.4854

■ 175.7780, 26.7314,
-34.0083

■ 189.1120, 20.1578,
-25.5312

■ 202.4460, 13.5841,
-17.0541

■ 215.7800, 7.0105,
-8.5771

■ 229.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



109.9500, 55.7337, -96.4261



109.1080, 59.5998, -76.3937



132.3600, 37.7835, 14.5933

Triad

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



109.1080, 59.5998, -76.3937



124.5570, -27.8826, 76.6875



98.1960, -4.5336, -86.1179

Complementary

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



109.1080, 59.5998, -76.3937



142.8920, -59.5998, 76.3937

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.



114.3290, -36.1512, -24.8445



109.1080, 59.5998, -76.3937



123.4250, -48.0305, 52.2473

Square

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



109.1080, 59.5998, -76.3937



124.9040, -3.8967, 83.3992



119.1700, -58.2578, 19.1449



105.9990, 17.7485, -92.9611

Rectangle

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



109.1080, 59.5998, -76.3937



131.3660, 25.4556, 48.7910



119.1700, -58.2578, 19.1449



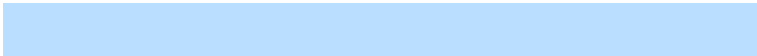
99.2700, -13.4441, -74.7818

Sweetspot

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



109.1080, 59.5998, -76.3937



214.9980, 19.7210, -25.4312



155.1540, -17.8239, -116.7761



104.0010, 11.8315, -14.9099



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.



109.1080, 59.5998, -76.3937



106.5540, 73.1839, -93.4479



49.8210, 88.8282, -24.3990



107.8900, 3.5052, -4.2885



74.9970, 51.2735, -65.7724



21.0760, 14.7525, -18.4837

Inverse Universe

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



96.5040, 16.5135, 117.0760



91.2930, 20.0686, 143.5710



202.1790, -88.8282, 24.3990



107.2720, 0.8519, 6.7775



64.1230, 14.2364, 100.7471



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 109.1080, 59.5998, -76.3937 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 109.1080, 59.5998, -76.3937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

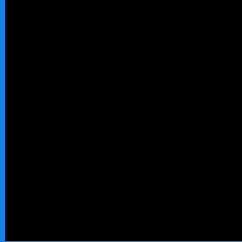
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

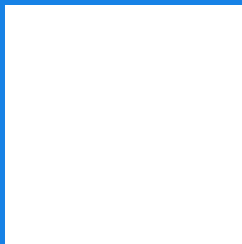
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.1080, 59.5998, -76.3937

Background



This preview shows how black text looks on a background with the YUV color 109.1080, 59.5998, -76.3937.



This preview shows how white text looks on a background with the YUV color 109.1080, 59.5998, -76.3937.

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

109.1080, 59.5998, -76.3937

Protanopia

123.5430, 50.0183, -36.4332

Deuteranopia

108.5100, 59.8946, -77.6233



Tritanopia

100.6820, 25.2998, -88.2981

Trichromacy



Original Color

109.1080, 59.5998, -76.3937

Protanomaly

118.3670, 53.5561, -51.1879

Deuteranomaly

108.8090, 59.7472, -77.0085

Tritanomaly

103.9180, 37.5084, -84.1201

Monochromacy



Original Color

109.1080, 59.5998, -76.3937

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1440, 21.6210, -28.1903

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1080, 59.5998, -76.3937 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, 130, 230)` looks like.

```
.text, #text, p{  
    color:rgb(22, 130, 230)  
}
```

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, 130, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 130, 230) }
```

Border

The CSS property to change the border of an element to YUV 109.1080, 59.5998, -76.3937 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, 130, 230) }
```


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

```
.border{ border-color:rgb(22, 130, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 130, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(22, 130, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(22, 130, 230); box-shadow:4px 4px 4px 4px rgb(22, 130, 230) }
```

Background

The CSS property to change the background color of an element to YUV 109.1080, 59.5998, -76.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 130, 230) }
```

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

```
.background{ background-color: rgb(22, 130,  
230) }
```

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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