

Converting Colors

YUV(104.9830, 59.1684,
-78.0381)

Have a look what the booklet for
YUV(104.9830, 59.1684, -78.0381)
contains.

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Color

**YUV(104.9830, 59.1684,
-78.0381)**

Conversions

Conversions Part 1

Format	Color
Hex	107FE1
RGB	16, 127, 225
RGB Percent	6%, 50%, 88%
CMY	0.9373, 0.5020, 0.1176
CMYK	0.93, 0.44, 0.00, 0.12
HSL	208°, 87%, 47%
HSV	208°, 93%, 88%
XYZ	21.3937, 20.7251, 74.1069
YIQ	104.9830, -97.6140, 6.9460

Conversions

Conversions Part 2

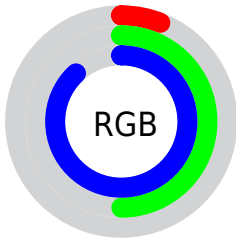
Format	Color
R _Y B	16, 88, 225
Decimal	1081313
CIE Lab	52.65, 8.25, -57.57
CIE LCh	53, 58.157, 278.160
Yxy	20.7251, 0.1841, 0.1783
Android (android.graphics.Color)	4279271393 (0xFF107FE1)
YUV	104.9830, 59.1684, -78.0381
Hunter-Lab	45.5249, 4.2146, -64.6469

Details

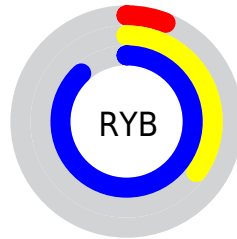
The YUV color **104.9830, 59.1684, -78.0381** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **136.0170, -59.1684, 78.0381**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1360, 43.8100, -51.8623**, and **65.6390, 50.9570, -57.5654** is the 20% darker color. If you saturate the color by 10%, you get **95.5030, 63.8420, -83.7561**, and if you desaturate by 10%, it is **118.3170, 52.5947, -69.5610**.

Distribution



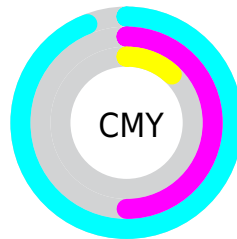
- Red (6%)
- Green (50%)
- Blue (88%)



- Red (6%)
- Yellow (35%)
- Blue (88%)



- Cyan (93%)
- Magenta (44%)
- Yellow (0%)
- Black (12%)



- Cyan (94%)
- Magenta (50%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9830, 59.1684, -78.0381 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 104.9830, 59.1684, -78.0381 by changing the saturation by 10% instead.

■ 104.9830, 59.1684,
-78.0381

■ 104.9830, 59.1684,
-78.0381

255.0000, 0.0000,
0.0000

■ 82.3320, 56.5313,
-72.2052

■ 166.1360, 43.8100,
-51.8623

■ 65.6390, 50.9570,
-57.5654

■ 191.8520, 31.1320,
-45.4742

■ 49.6470, 45.5300,
-43.5404

■ 218.1440, 18.1700,
-41.3453

■ 34.9430, 39.9611,
-30.6450

■ 239.1530, 7.8126,
-32.5832

■ 19.1790, 35.4078,
-16.8200

■ 248.4220, 3.2430,
-13.5251

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 104.9830, 59.1684,
-78.0381

■ 104.9830, 59.1684,
-78.0381

■ 95.5030, 63.8420,
-83.7561

■ 118.3170, 52.5947,
-69.5610

■ 130.7650, 46.4579,
-61.1839

■ 144.0990, 39.8842,
-52.7068

■ 156.5470, 33.7473,
-44.3297

■ 169.8810, 27.1737,
-35.8526

■ 182.3290, 21.0368,
-27.4755

■ 195.3640, 14.6105,
-19.6132

■ 208.1110, 8.3263,
-10.6213

■ 221.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



107.6190, 54.4178, -94.3819



104.9830, 59.1684, -78.0381



128.9470, 37.4941, 14.0785

Triad

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



104.9830, 59.1684, -78.0381



121.0730, -27.1510, 75.3580



95.5060, -4.6865, -83.7588

Complementary

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



104.9830, 59.1684, -78.0381



136.0170, -59.1684, 78.0381

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.



111.7420, -35.8618, -24.3297



104.9830, 59.1684, -78.0381



120.3540, -47.0095, 51.4325

Square

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



104.9830, 59.1684, -78.0381



121.3060, -3.6019, 82.1696



116.3980, -57.3842, 18.9450



103.1950, 17.1589, -90.5020

Rectangle

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



104.9830, 59.1684, -78.0381



128.5400, 24.8768, 47.7614



116.3980, -57.3842, 18.9450



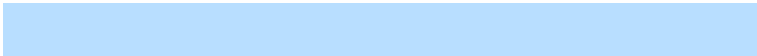
97.5800, -13.5969, -72.4227

Sweetspot

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



104.9830, 59.1684, -78.0381



214.4000, 20.0158, -26.6608



149.8550, -17.6765, -117.3908



102.5170, 12.5631, -16.2394



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.



104.9830, 59.1684, -78.0381



108.3150, 72.3157, -94.9923



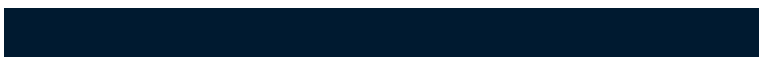
43.9350, 89.2650, -24.4990



105.7760, 3.0684, -4.1886



74.6550, 49.9631, -65.4724



20.7340, 13.4421, -18.1837

Inverse Universe

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



91.1450, 17.6765, 117.3908



91.6350, 21.3789, 143.2711



197.0650, -89.2650, 24.4990



104.9730, 0.9993, 6.1627



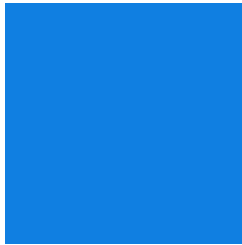
63.2260, 14.6786, 98.9028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 104.9830, 59.1684, -78.0381 looks on a white background.

Color Contrast Check

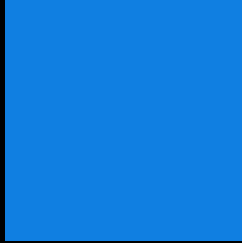
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.9830, 59.1684, -78.0381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

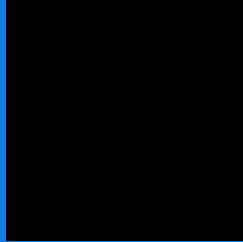
Any Text WCAG AA ✓ Pass

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 104.9830, 59.1684, -78.0381 Background



This preview shows how black text looks on a background with the YUV color 104.9830, 59.1684, -78.0381.



This preview shows how white text looks on a background with the YUV color 104.9830, 59.1684, -78.0381.

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

104.9830, 59.1684, -78.0381

Protanopia

120.6140, 48.9973, -35.6185

Deuteranopia

104.3850, 59.4632, -79.2676



Tritanopia

98.4650, 24.4208, -86.3538

Trichromacy



Original Color

104.9830, 59.1684, -78.0381

Protanomaly

115.1390, 52.6825, -50.9879

Deuteranomaly

104.6840, 59.3158, -78.6529

Tritanomaly

101.1030, 36.9242, -83.4053

Monochromacy



Original Color

104.9830, 59.1684, -78.0381

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1440, 21.6210, -28.1903

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9830, 59.1684, -78.0381 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(16, 127, 225)` looks like.

```
.text, #text, p{  
    color:rgb(16, 127, 225)  
}
```

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(16, 127, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 127, 225) }
```

Border

The CSS property to change the border of an element to YUV 104.9830, 59.1684, -78.0381 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(16, 127, 225) }
```


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

```
.border{ border-color:rgb(16, 127, 225) }
```

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

Here you see how a box with a 4 pixel rgb(16, 127, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 127, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 127, 225);  
box-shadow:4px 4px 4px 4px rgb(16, 127,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 104.9830, 59.1684, -78.0381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 127, 225) }
```

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

```
.background{ background-color: rgb(16, 127,  
225) }
```

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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