

Converting Colors

YUV(178.9130, 28.6369,
-38.5117)

Have a look what the booklet for
YUV(178.9130, 28.6369, -38.5117)
contains.

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Color

**YUV(178.9130, 28.6369,
-38.5117)**

Conversions

Conversions Part 1

Format	Color
Hex	87BEED
RGB	135, 190, 237
RGB Percent	53%, 75%, 93%
CMY	0.4706, 0.2549, 0.0706
CMYK	0.43, 0.20, 0.00, 0.07
HSL	208°, 74%, 73%
HSV	208°, 43%, 93%
XYZ	43.6912, 48.0922, 87.1007
YIQ	178.9130, -47.8670, 2.9570

Conversions

Conversions Part 2

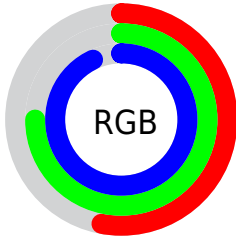
Format	Color
RYB	135, 171, 237
Decimal	8896237
CIELab	74.88, -5.85, -28.96
CIELCh	75, 29.550, 258.572
Yxy	48.0922, 0.2442, 0.2688
Android (android.graphics.Color)	4287086317 (0xFF87BEED)
YUV	178.9130, 28.6369, -38.5117
Hunter-Lab	69.3486, -8.9009, -25.9233

Details

The YUV color **178.9130, 28.6369, -38.5117** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **193.0870, -28.6369, 38.5117**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8800, 11.8912, -34.0978**, and **124.6740, 27.7687, -40.0561** is the 20% darker color. If you saturate the color by 10%, you get **165.2800, 35.3580, -47.6036**, and if you desaturate by 10%, it is **192.5460, 21.9158, -29.4198**.

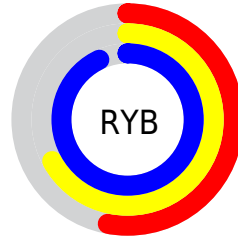
Distribution



Red (53%)

Green (75%)

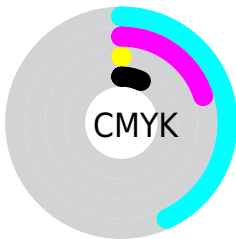
Blue (93%)



Red (53%)

Yellow (67%)

Blue (93%)

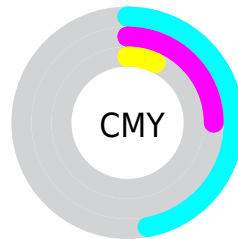


Cyan (43%)

Magenta (20%)

Yellow (0%)

Black (7%)



Cyan (47%)

Magenta (25%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.9130, 28.6369, -38.5117 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 178.9130, 28.6369, -38.5117 by changing the saturation by 10% instead.

■ 178.9130, 28.6369,
-38.5117

■ 178.9130, 28.6369,
-38.5117

■ 255.0000, 0.0000,
0.0000

■ 151.5000, 28.3475,
-39.0265

■ 230.8800, 11.8912,
-34.0978

■ 124.6740, 27.7687,
-40.0561

■ 244.8340, 5.0118,
-20.9024

■ 97.3640, 27.9215,
-42.4152

■ 253.5050, 0.7370,
-3.0739

■ 67.7540, 29.7013,
-53.2813

■ 49.3100, 26.4692,
-43.2449

■ 33.5460, 21.9158,
-29.4198

■ 19.1840, 17.6573,

-16.8244

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 178.9130, 28.6369,
-38.5117

■ 178.9130, 28.6369,
-38.5117

■ 165.2800, 35.3580,
-47.6036

■ 192.5460, 21.9158,
-29.4198

■ 151.9460, 41.9316,
-56.0806

■ 205.8800, 15.3422,
-20.9428

■ 138.3130, 48.6527,
-65.1725

■ 219.5130, 8.6211,
-11.8509

■ 124.6800, 55.3738,
-74.2644

■ 233.1460, 1.9000,
-2.7590

■ 111.0470, 62.0948,
-83.3562

■ 246.4800, -4.6736,
5.7180

■ 102.1540, 66.4791,
-89.5891

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



172.2820, 25.4970, -58.1293



178.9130, 28.6369, -38.5117



185.1770, 25.0557, -9.8022

Triad

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



178.9130, 28.6369, -38.5117



187.4680, -9.5977, 45.1936



177.6820, -14.6332, -19.8921

Complementary

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



178.9130, 28.6369, -38.5117



193.0870, -28.6369, 38.5117

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.



181.0180, -24.1659, 4.3692



178.9130, 28.6369, -38.5117



185.6880, -20.0592, 40.6156

Square

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



178.9130, 28.6369, -38.5117



188.5670, 3.6645, 38.0907



183.6940, -25.9781, 25.7014



173.9100, -0.4486, -42.8941

Rectangle

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



178.9130, 28.6369, -38.5117



187.8050, 19.3231, 8.9410



183.6940, -25.9781, 25.7014



178.9990, -18.7335, -11.4001

Sweetspot

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



178.9130, 28.6369, -38.5117



236.3280, 9.2053, -12.5657



200.1180, -9.4252, -57.1085



115.8510, 5.9895, -7.7623



0.0000, 0.0000, 0.0000



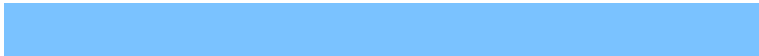
128.0000, 0.0000, 0.0000

Same Dimension

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



178.9130, 28.6369, -38.5117



179.4260, 37.2580, -50.3626



149.5630, 43.1064, -12.7718



110.7760, 3.0684, -4.1886



78.1600, 50.7001, -68.5463



23.1790, 15.1948, -20.3280

Inverse Universe

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



171.7680, 8.9884, 57.2085



169.9750, 11.8443, 74.5669



222.4370, -43.1064, 12.7718



109.9730, 0.9993, 6.1627



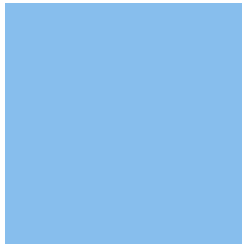
65.2910, 16.1255, 101.4768



19.4520, 4.7072, 30.2986

Previews

White Background



This preview shows how the YUV color 178.9130, 28.6369, -38.5117 looks on a white background.

Color Contrast Check

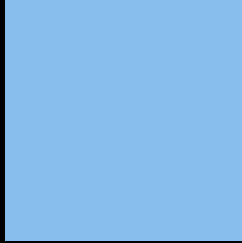
Large Text (above 18pt) WCAG AA × Fail

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 178.9130, 28.6369, -38.5117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

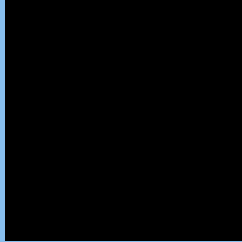
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.9130, 28.6369, -38.5117

Background



This preview shows how black text looks on a background with the YUV color 178.9130, 28.6369, -38.5117.



This preview shows how white text looks on a background with the YUV color 178.9130, 28.6369, -38.5117.

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

178.9130, 28.6369, -38.5117

Protanopia

184.2970, 23.0246, -11.6615

Deuteranopia

184.9210, 26.6609, -11.3317



Tritanopia

176.6770, 16.4282, -42.6897

Trichromacy



Original Color

178.9130, 28.6369, -38.5117

Protanomaly

182.3990, 24.9463, -21.3979

Deuteranomaly

182.6810, 27.2723, -20.7682

Tritanomaly

177.5400, 20.9328, -40.8156

Monochromacy



Original Color

178.9130, 28.6369, -38.5117

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.9580, 10.3737, -13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.9130, 28.6369, -38.5117 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(135, 190, 237)` looks like.

```
.text, #text, p{  
    color:rgb(135, 190, 237)  
}
```

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(135, 190, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 190, 237) }
```

Border

The CSS property to change the border of an element to YUV 178.9130, 28.6369, -38.5117 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(135, 190, 237) }
```


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

```
.border{ border-color:rgb(135, 190, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 190, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 190, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 190, 237); box-shadow:4px 4px 4px 4px rgb(135, 190, 237) }
```

Background

The CSS property to change the background color of an element to YUV 178.9130, 28.6369, -38.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 190, 237) }
```

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

```
.background{ background-color: rgb(135,  
190, 237) }
```

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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