

Converting Colors

YUV(181.0980, 28.0527,
-37.7969)

Have a look what the booklet for
YUV(181.0980, 28.0527, -37.7969)
contains.

YUV(181.0980, 28.0527, -37.7969)	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(181.0980, 28.0527,
-37.7969)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC0EE
RGB	138, 192, 238
RGB Percent	54%, 75%, 93%
CMY	0.4588, 0.2471, 0.0667
CMYK	0.42, 0.19, 0.00, 0.07
HSL	208°, 75%, 74%
HSV	208°, 42%, 93%
XYZ	44.7635, 49.2756, 88.0408
YIQ	181.0980, -46.9500, 2.8580

Conversions

Conversions Part 2

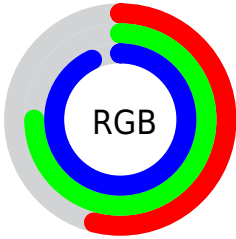
Format	Color
R _Y B	138, 173, 238
Decimal	9093358
CIE Lab	75.62, -5.91, -28.36
CIE LCh	76, 28.965, 258.226
Yxy	49.2756, 0.2458, 0.2706
Android (android.graphics.Color)	4287283438 (0xFF8AC0EE)
YUV	181.0980, 28.0527, -37.7969
Hunter-Lab	70.1966, -9.0168, -25.2241

Details

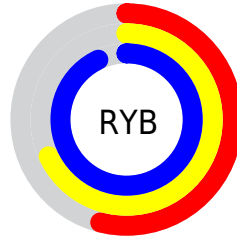
The YUV color **181.0980, 28.0527, -37.7969** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **194.9020, -28.0527, 37.7969**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.9510, 10.8702, -33.2830**, and **126.8590, 27.1845, -39.3413** is the 20% darker color. If you saturate the color by 10%, you get **167.4650, 34.7738, -46.8888**, and if you desaturate by 10%, it is **194.7310, 21.3316, -28.7051**.

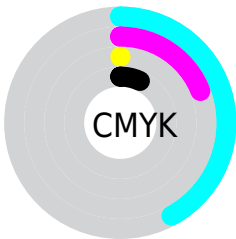
Distribution



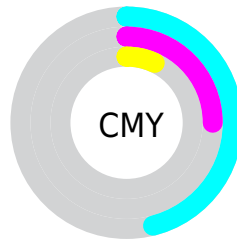
- Red (54%)
- Green (75%)
- Blue (93%)



- Red (54%)
- Yellow (68%)
- Blue (93%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (46%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.0980, 28.0527, -37.7969 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 181.0980, 28.0527, -37.7969 by changing the saturation by 10% instead.

■ 181.0980, 28.0527,
-37.7969

■ 181.0980, 28.0527,
-37.7969

■ 255.0000, 0.0000,
0.0000

■ 153.6850, 27.7633,
-38.3117

■ 232.9510, 10.8702,
-33.2830

■ 126.8590, 27.1845,
-39.3413

■ 245.7310, 4.5696,
-19.0581

■ 99.8480, 27.1899,
-41.0857

■ 254.4020, 0.2948,
-1.2296

■ 71.7330, 28.2326,
-48.8778

■ 50.5980, 26.3272,
-44.3744

■ 34.8340, 21.7738,
-30.5494

■ 20.4720, 17.5153,

-17.9539

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 181.0980, 28.0527,
-37.7969

■ 181.0980, 28.0527,
-37.7969

■ 167.4650, 34.7738,
-46.8888

■ 194.7310, 21.3316,
-28.7051

■ 153.8320, 41.4948,
-55.9807

■ 208.3640, 14.6105,
-19.6132

■ 140.4980, 48.0685,
-64.4577

■ 221.6980, 8.0369,
-11.1361

■ 126.8650, 54.7896,
-73.5496

■ 235.3310, 1.3158,
-2.0443

■ 113.2320, 61.5106,
-82.6415

■ 248.3660, -5.1104,
5.8180

■ 102.8550, 66.6265,
-90.2038

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



174.7660, 24.7654, -56.7998



181.0980, 28.0527, -37.7969



187.0630, 24.6189, -9.7023

Triad

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



181.0980, 28.0527, -37.7969



189.5820, -9.1609, 45.0936



179.9810, -14.7806, -19.2773

Complementary

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



181.0980, 28.0527, -37.7969



194.9020, -28.0527, 37.7969

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.



183.4310, -23.8765, 4.8840



181.0980, 28.0527, -37.7969



187.8020, -19.6224, 40.5156

Square

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



181.0980, 28.0527, -37.7969



190.8550, 3.5225, 36.9612



185.8080, -25.5413, 25.6014



176.2090, -0.5960, -42.2793

Rectangle

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



181.0980, 28.0527, -37.7969



189.6910, 18.8863, 9.0410



185.8080, -25.5413, 25.6014



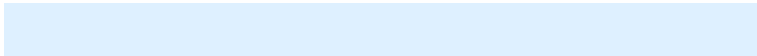
181.4120, -18.4441, -10.8853

Sweetspot

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



181.0980, 28.0527, -37.7969



236.3280, 9.2053, -12.5657



201.8300, -9.2832, -55.9789



115.8510, 5.9895, -7.7623



0.0000, 0.0000, 0.0000



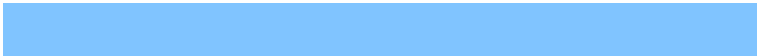
128.0000, 0.0000, 0.0000

Same Dimension

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



181.0980, 28.0527, -37.7969



182.3940, 35.7948, -47.7035



152.3350, 42.2328, -12.5718



112.8900, 3.5052, -4.2885



79.0890, 51.7211, -69.3611



23.9940, 15.7790, -21.0427

Inverse Universe

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



174.0560, 8.8464, 56.0789



173.7250, 10.9816, 71.2782



223.6650, -42.2328, 12.5718



112.2720, 0.8519, 6.7775



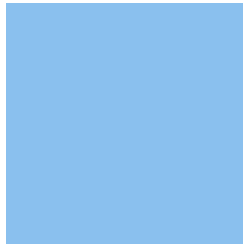
66.3020, 16.1201, 103.2211



20.1640, 4.8491, 31.4282

Previews

White Background



This preview shows how the YUV color 181.0980, 28.0527, -37.7969 looks on a white background.

Color Contrast Check

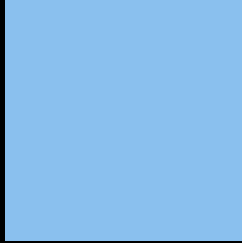
Large Text (above 18pt) WCAG AA × Fail

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 181.0980, 28.0527, -37.7969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

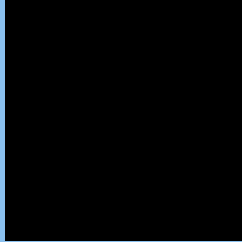
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.0980, 28.0527, -37.7969

Background



This preview shows how black text looks on a background with the YUV color 181.0980, 28.0527, -37.7969.



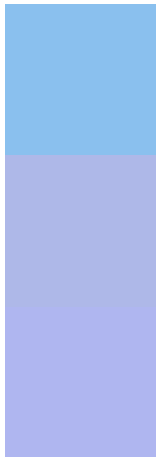
This preview shows how white text looks on a background with the YUV color 181.0980, 28.0527, -37.7969.

-37.7969.

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

181.0980, 28.0527, -37.7969

Protanopia

186.4820, 22.4404, -10.9467

Deuteranopia

186.5190, 26.3661, -10.1022



Tritanopia

178.9760, 16.2808, -42.0750

Trichromacy



Original Color

181.0980, 28.0527, -37.7969

Protanomaly

184.5840, 24.3621, -20.6832

Deuteranomaly

184.8660, 26.6881, -20.0535

Tritanomaly

179.7250, 20.3486, -40.1008

Monochromacy



Original Color

181.0980, 28.0527, -37.7969

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.9580, 10.3737, -13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.0980, 28.0527, -37.7969 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(138, 192, 238)` looks like.

```
.text, #text, p{  
    color:rgb(138, 192, 238)  
}
```

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(138, 192, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 192, 238) }
```

Border

The CSS property to change the border of an element to YUV 181.0980, 28.0527, -37.7969 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(138, 192, 238) }
```


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

```
.border{ border-color:rgb(138, 192, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 192, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 192, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 192, 238);  
box-shadow:4px 4px 4px 4px rgb(138, 192,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 181.0980, 28.0527, -37.7969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 192, 238) }
```

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

```
.background{ background-color: rgb(138,  
192, 238) }
```

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