

# Converting Colors

YUV(183.3660, 27.9206,  
-88.8980)

Have a look what the booklet for  
YUV(183.3660, 27.9206, -88.8980)  
contains.

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# Color

**YUV(183.3660, 27.9206,  
-88.8980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52E0F0
RGB	82, 224, 240
RGB Percent	32%, 88%, 94%
CMY	0.6784, 0.1216, 0.0588
CMYK	0.66, 0.07, 0.00, 0.06
HSL	186°, 84%, 63%
HSV	186°, 66%, 94%
XYZ	45.8635, 61.3964, 91.8715
YIQ	183.3660, -89.7680, -25.1280

# Conversions

## Conversions Part 2

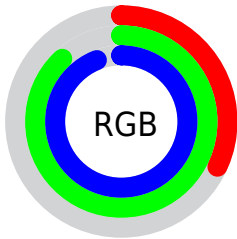
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	82, 157, 240
Decimal	5431536
CIE Lab	82.59, -32.79, -19.00
CIE LCh	83, 37.897, 210.097
Yxy	61.3964, 0.2303, 0.3083
Android (android.graphics.Color)	4283621616 (0xFF52E0F0)
YUV	183.3660, 27.9206, -88.8980
Hunter-Lab	78.3559, -32.6426, -14.6679

# Details

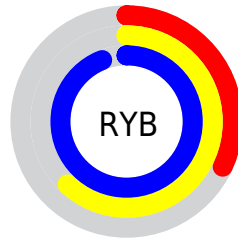
The YUV color **183.3660, 27.9206, -88.8980** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **138.6340, -27.9206, 88.8980**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0070, 15.7725, -65.7811**, and **119.5920, 31.7531, -104.8822** is the 20% darker color. If you saturate the color by 10%, you get **175.0160, 32.0371, -102.6230**, and if you desaturate by 10%, it is **191.7160, 23.8040, -75.1729**.

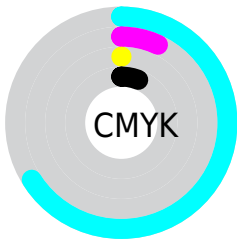
# Distribution



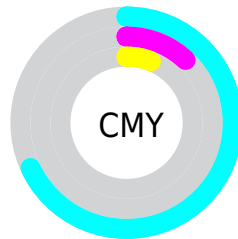
- Red (32%)
- Green (88%)
- Blue (94%)



- Red (32%)
- Yellow (62%)
- Blue (94%)



- Cyan (66%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (68%)
- Magenta (12%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.3660, 27.9206, -88.8980 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 183.3660, 27.9206, -88.8980 by changing the saturation by 10% instead.



183.3660, 27.9206,  
-88.8980

183.3660, 27.9206,  
-88.8980

255.0000, 0.0000,  
0.0000

150.5820, 30.2791,  
-98.7344

223.0070, 15.7725,  
-65.7811

119.5920, 31.7531,  
-104.8822

232.5750, 11.0555,  
-46.1083

101.2520, 27.4838,  
-88.7980

241.8440, 6.4859,  
-27.0502

83.0260, 23.6512,  
-72.8138

251.1130, 1.9163,  
-7.9921

64.9140, 20.2554,  
-56.9296

48.0900, 16.7176,  
-42.1749

32.5540, 13.0379,

-28.5499

■ 14.7840, 10.9525,  
-12.9656

■ 2.2970, 6.2626,  
-2.0145

■ 183.3660, 27.9206,  
-88.8980

■ 183.3660, 27.9206,  
-88.8980

■ 175.0160, 32.0371,  
-102.6230

■ 191.7160, 23.8040,  
-75.1729

■ 166.0790, 36.4431,  
-115.8333

■ 200.6530, 19.3981,  
-61.9627

■ 157.7290, 40.5596,  
-129.5583

■ 209.0030, 15.2815,  
-48.2376

■ 154.1520, 42.3231,  
-135.1913

■ 217.9400, 10.8756,  
-35.0274

■ 226.2900, 6.7590,  
-21.3023

■ 235.2270, 2.3531,  
-8.0921

■ 243.5770, -1.7635,  
5.6330

■ 246.2460, -3.0793,  
7.6773

■ 248.0070, -3.9475,  
6.1329

# Harmonies

## Analogous

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



187.9220, 7.9265, -69.2146



183.3660, 27.9206, -88.8980



188.7190, 32.6765, -74.2986

# Triad

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



183.3660, 27.9206, -88.8980



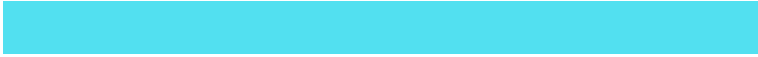
211.2320, 15.1686, 34.8765



203.2070, -34.1191, 23.4975

# Complementary

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



183.3660, 27.9206, -88.8980



138.6340, -27.9206, 88.8980

# 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.



204.8920, -29.5268, 43.9447



183.3660, 27.9206, -88.8980



204.9160, 1.0274, 43.9237

# Square

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



183.3660, 27.9206, -88.8980



206.9120, 23.7074, 2.7082



202.1000, -14.8393, 46.3933



199.3280, -27.7697, -6.4267

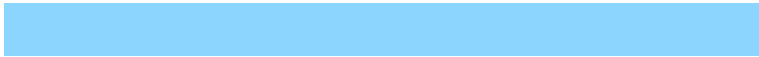


# Rectangle

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



183.3660, 27.9206, -88.8980



195.6620, 29.2536, -49.6926



202.1000, -14.8393, 46.3933



204.3760, -33.7094, 32.1192

# Sweetspot

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



183.3660, 27.9206, -88.8980



236.8160, 8.9647, -28.7796



176.5700, -38.7350, -82.9379



116.3830, 5.7272, -16.9989



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

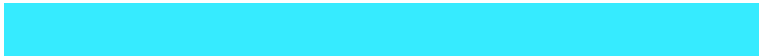


# Same Dimension

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



183.3660, 27.9206, -88.8980



183.1610, 35.4166, -113.2742



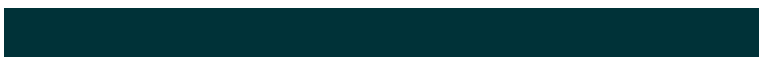
136.9930, 50.7825, -48.2289



115.8250, 2.0583, -6.8625



117.8310, 32.6213, -103.3378



35.7340, 9.9911, -31.3387



# Inverse Universe

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



145.4300, 38.7350, 82.9379



134.7330, 49.4316, 105.4742



185.0070, -50.7825, 48.2289



112.8420, 3.0359, 6.2776



73.8260, 44.9488, 96.6226

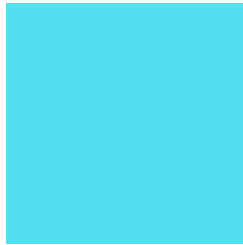


22.4440, 13.5851, 29.4286



# Previews

## White Background



This preview shows how the YUV color 183.3660, 27.9206, -88.8980 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

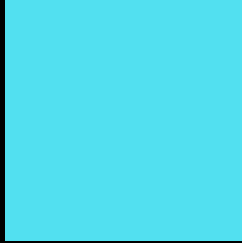
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 183.3660, 27.9206, -88.8980 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

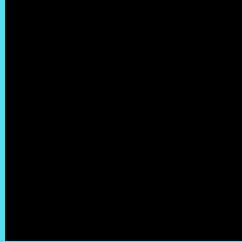
Any Text WCAG AA ✓ Pass

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 183.3660, 27.9206, -88.8980 Background



This preview shows how black text looks on a background with the YUV color 183.3660, 27.9206, -88.8980.



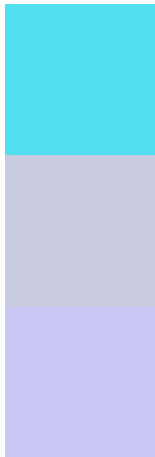
This preview shows how white text looks on a background with the YUV color 183.3660, 27.9206, -88.8980.

-88.8980.

# 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

183.3660, 27.9206, -88.8980

### Protanopia

205.0240, 10.3412, -3.5290

### Deuteranopia

205.4400, 19.5031, -2.1399



## Tritanopia

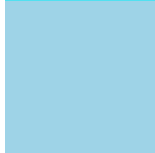
183.8930, 28.6468, -88.4832

# Trichromacy



## Original Color

183.3660, 27.9206, -88.8980



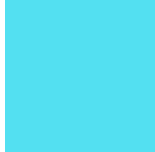
## Protanomaly

197.4330, 16.5485, -34.5827



## Deuteranomaly

197.3390, 22.5109, -33.6233



## Tritanomaly

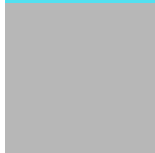
183.7790, 28.2100, -88.3832

# Monochromacy



## Original Color

183.3660, 27.9206, -88.8980



## Achromatopsia

183.0000, 0.0000, 0.0000



## Achromatomaly

183.1360, 10.2860, -32.5683

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.3660, 27.9206, -88.8980 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(82, 224, 240)` looks like.

```
.text, #text, p{  
    color:rgb(82, 224, 240)  
}
```

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(82, 224, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 224, 240) }
```

## Border

The CSS property to change the border of an element to YUV 183.3660, 27.9206, -88.8980 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(82, 224, 240) }
```



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

```
.border{ border-color:rgb(82, 224, 240) }
```

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

Here you see how a box with a 4 pixel rgb(82, 224, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 224, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 224, 240);  
box-shadow:4px 4px 4px 4px rgb(82, 224,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 183.3660, 27.9206, -88.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 224, 240) }
```

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

```
.background{ background-color: rgb(82, 224,  
240) }
```

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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