

# Converting Colors

YUV(165.1810, 28.5048,  
-89.6127)

Have a look what the booklet for  
YUV(165.1810, 28.5048, -89.6127)  
contains.

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# Color

**YUV(165.1810, 28.5048,  
-89.6127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FCEDF
RGB	63, 206, 223
RGB Percent	25%, 81%, 87%
CMY	0.7529, 0.1922, 0.1255
CMYK	0.72, 0.08, 0.00, 0.13
HSL	186°, 71%, 56%
HSV	186°, 72%, 87%
XYZ	37.4405, 50.5271, 77.5914
YIQ	165.1810, -90.6850, -25.0290

# Conversions

## Conversions Part 2

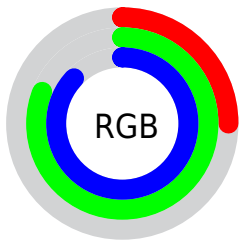
Format	Color
R <sub>YB</sub>	63, 139, 223
Decimal	4181727
CIE Lab	76.39, -31.71, -19.35
CIE LCh	76, 37.149, 211.382
Yxy	50.5271, 0.2261, 0.3052
Android (android.graphics.Color)	4282371807 (0xFF3FCEDF)
YUV	165.1810, 28.5048, -89.6127
Hunter-Lab	71.0824, -30.3748, -14.9615

# Details

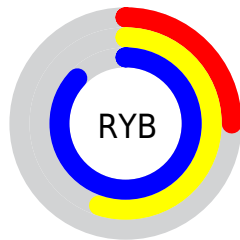
The YUV color **165.1810, 28.5048, -89.6127** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **120.8190, -28.5048, 89.6127**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2230, 18.1311, -75.6176**, and **107.7890, 29.6840, -94.5310** is the 20% darker color. If you saturate the color by 10%, you get **157.4290, 32.3265, -102.1082**, and if you desaturate by 10%, it is **172.9330, 24.6830, -77.1172**.

# Distribution



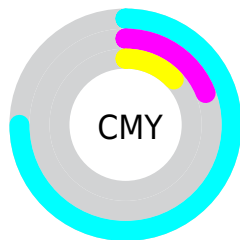
- Red (25%)
- Green (81%)
- Blue (87%)



- Red (25%)
- Yellow (55%)
- Blue (87%)



- Cyan (72%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (75%)
- Magenta (19%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.1810, 28.5048, -89.6127 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 165.1810, 28.5048, -89.6127 by changing the saturation by 10% instead.



■ 165.1810, 28.5048,  
-89.6127

■ 165.1810, 28.5048,  
-89.6127

255.0000, 0.0000,  
0.0000

■ 126.7160, 33.6640,  
-111.1299

■ 218.2230, 18.1311,  
-75.6176

■ 107.7890, 29.6840,  
-94.5310

■ 227.4920, 13.5614,  
-56.5595

■ 89.4490, 25.4146,  
-78.4468

■ 236.7610, 8.9918,  
-37.5014

■ 71.9240, 21.7295,  
-63.0773

■ 246.0300, 4.4222,  
-18.4433

■ 54.3990, 18.0443,  
-47.7079

■ 38.2760, 14.6539,  
-33.5681

■ 23.9140, 10.3954,

-20.9726

■ 3.4370, 10.6306,  
-3.0142

■ 0.0000, 0.0000,  
0.0000

■ 165.1810, 28.5048,  
-89.6127

■ 165.1810, 28.5048,  
-89.6127

■ 157.4290, 32.3265,  
-102.1082

■ 172.9330, 24.6830,  
-77.1172

■ 148.7910, 36.5850,  
-114.7037

■ 181.5710, 20.4245,  
-64.5218


■ 142.2350, 39.8171,  
-124.7401

■ 189.3230, 16.6028,  
-52.0263

■ 197.0750, 12.7810,  
-39.5308

 205.7130, 8.5225,  
-26.9353

 213.4650, 4.7008,  
-14.4398

 221.8040, 0.5896,  
-2.4591

 229.5560, -3.2321,  
10.0364

 234.9160, -5.8746,  
17.6137

# Harmonies

## Analogous

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



170.2640, 9.2368, -69.5145



165.1810, 28.5048, -89.6127



172.8700, 37.0391, -73.5540

# Triad

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



165.1810, 28.5048, -89.6127



193.5910, 14.0056, 34.5617



186.1250, -33.0926, 20.9384

# Complementary

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



165.1810, 28.5048, -89.6127



120.8190, -28.5048, 89.6127

# 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.



188.8920, -29.5268, 43.9447



165.1810, 28.5048, -89.6127



192.4720, -2.2047, 53.9601

# Square

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



165.1810, 28.5048, -89.6127



191.5360, 27.3438, 3.0379



190.6560, -18.0714, 56.4297



182.3710, -26.3119, -7.3414

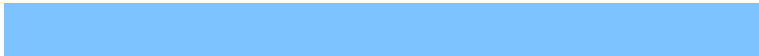


# Rectangle

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



165.1810, 28.5048, -89.6127



180.9100, 36.5264, -49.0331



190.6560, -18.0714, 56.4297



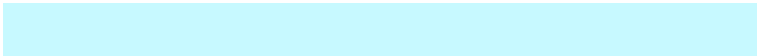
187.2940, -32.6829, 29.5602

# Sweetspot

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



165.1810, 28.5048, -89.6127



234.7340, 9.9911, -31.3387



158.7440, -39.3138, -83.9675



115.4860, 6.1694, -18.8432



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

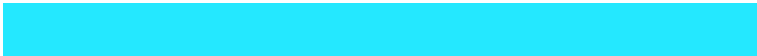


# Same Dimension

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



165.1810, 28.5048, -89.6127



176.0180, 38.9381, -122.7958



118.8080, 51.3667, -48.9436



108.1240, 1.9109, -6.2477



112.2230, 31.4421, -98.4196



30.7130, 8.5225, -26.9353



# Inverse Universe

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



127.1420, 38.8770, 84.0675



123.8250, 53.3303, 115.0405



167.1920, -51.3667, 48.9436



105.4290, 2.7465, 5.7628



70.5220, 42.6337, 92.5042

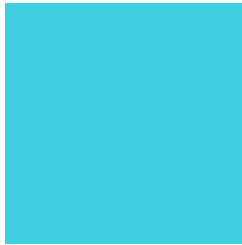


19.2540, 11.7068, 25.2102



# Previews

## White Background



This preview shows how the YUV color 165.1810, 28.5048, -89.6127 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

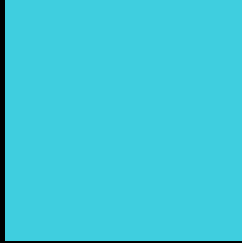
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 165.1810, 28.5048, -89.6127 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

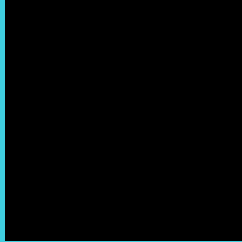
Any Text WCAG AA ✓ Pass

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 165.1810, 28.5048, -89.6127 Background



This preview shows how black text looks on a background with the YUV color 165.1810, 28.5048, -89.6127.



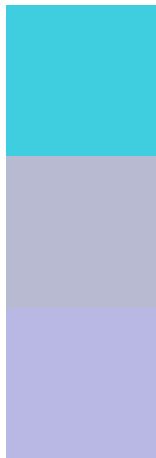
This preview shows how white text looks on a background with the YUV color 165.1810, 28.5048, -89.6127.



# 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

165.1810, 28.5048, -89.6127

### Protanopia

188.1380, 10.7780, -3.6290

### Deuteranopia

188.7280, 19.3611, -3.2695



## Tritanopia

165.1810, 28.5048, -89.6127

# Trichromacy



## Original Color

165.1810, 28.5048, -89.6127

## Protanomaly

179.6610, 17.4221, -34.7827

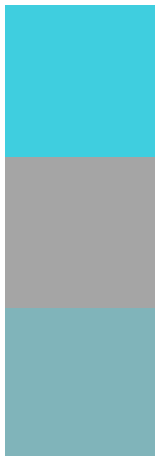
## Deuteranomaly

180.0400, 22.6583, -34.2381

## Tritanomaly

165.1810, 28.5048, -89.6127

# Monochromacy



## Original Color

165.1810, 28.5048, -89.6127

## Achromatopsia

165.0000, 0.0000, 0.0000

## Achromatomaly

165.1360, 10.2860, -32.5683

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.1810, 28.5048, -89.6127 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(63, 206, 223)` looks like.

```
.text, #text, p{  
    color:rgb(63, 206, 223)  
}
```

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(63, 206, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 206, 223) }
```

## Border

The CSS property to change the border of an element to YUV 165.1810, 28.5048, -89.6127 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(63, 206, 223) }
```



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

```
.border{ border-color:rgb(63, 206, 223) }
```

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

Here you see how a box with a 4 pixel rgb(63, 206, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 206, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 206, 223);  
box-shadow:4px 4px 4px 4px rgb(63, 206,  
223) }
```

# Background

The CSS property to change the background color of an element to YUV 165.1810, 28.5048, -89.6127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 206, 223) }
```

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

```
.background{ background-color: rgb(63, 206,  
223) }
```

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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