

# Converting Colors

YUV(146.7280, 35.6301,  
-88.3385)

Have a look what the booklet for  
YUV(146.7280, 35.6301, -88.3385)  
contains.

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# Color

**YUV(146.7280, 35.6301,  
-88.3385)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EB8DB
RGB	46, 184, 219
RGB Percent	18%, 72%, 86%
CMY	0.8196, 0.2784, 0.1412
CMYK	0.79, 0.16, 0.00, 0.14
HSL	192°, 71%, 52%
HSV	192°, 79%, 86%
XYZ	31.0534, 39.9763, 73.0973
YIQ	146.7280, -93.4830, -18.3710

# Conversions

## Conversions Part 2

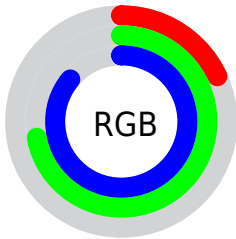
Format	Color
R <sub>Y</sub> B	46, 123, 219
Decimal	3061979
CIE Lab	69.45, -23.96, -27.79
CIE LCh	69, 36.693, 229.235
Yxy	39.9763, 0.2155, 0.2774
Android (android.graphics.Color)	4281252059 (0xFF2EB8DB)
YUV	146.7280, 35.6301, -88.3385
Hunter-Lab	63.2268, -22.9779, -24.2872

# Details

The YUV color **146.7280, 35.6301, -88.3385** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **118.2720, -35.6301, 88.3385**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8300, 24.2408, -75.2729**, and **95.5930, 33.7247, -83.8351** is the 20% darker color. If you saturate the color by 10%, you get **137.8020, 40.0306, -99.8044**, and if you desaturate by 10%, it is **155.6540, 31.2296, -76.8726**.

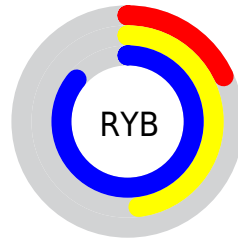
# Distribution



Red (18%)

Green (72%)

Blue (86%)



Red (18%)

Yellow (48%)

Blue (86%)

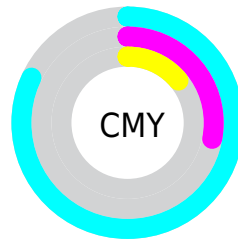


Cyan (79%)

Magenta (16%)

Yellow (0%)

Black (14%)



Cyan (82%)

Magenta (28%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 146.7280, 35.6301, -88.3385 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 146.7280, 35.6301, -88.3385 by changing the saturation by 10% instead.



■ 146.7280, 35.6301,  
-88.3385

■ 146.7280, 35.6301,  
-88.3385

■ 255.0000, 0.0000,  
0.0000

■ 113.9330, 37.9940,  
-99.9192

■ 205.8300, 24.2408,  
-75.2729

■ 95.5930, 33.7247,  
-83.8351

■ 223.9040, 15.3303,  
-63.9368

■ 77.3670, 29.8921,  
-67.8509

■ 233.1730, 10.7607,  
-44.8787

■ 60.3150, 25.4807,  
-52.8963

■ 242.4420, 6.1911,  
-25.8206

■ 43.9640, 21.2167,  
-38.5564

■ 251.7110, 1.6215,  
-6.7625

■ 28.4280, 17.5370,  
-24.9314

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 146.7280, 35.6301,  
-88.3385

■ 146.7280, 35.6301,  
-88.3385

■ 137.8020, 40.0306,  
-99.8044

■ 155.6540, 31.2296,  
-76.8726

■ 128.2890, 44.7205,  
-110.7555

■ 165.1670, 26.5397,  
-65.9215

■ 127.6910, 45.0153,  
-111.9850

■ 174.0930, 22.1392,  
-54.4556

■ 183.6060, 17.4492,  
-43.5045

■ 192.5320, 13.0487,  
-32.0386

■ 201.7460, 8.5062,  
-21.7022

■ 210.6720, 4.1057,  
-10.2363

■ 219.5980, -0.2948,  
1.2296

■ 229.1110, -4.9847,  
12.1807

# Harmonies

## Analogous

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



144.8840, 22.2422, -87.5983



146.7280, 35.6301, -88.3385



160.1870, 36.3898, -51.9070

# Triad

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



146.7280, 35.6301, -88.3385



173.8500, 4.5110, 46.6126



165.0520, -29.1126, 4.3394

# Complementary

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



146.7280, 35.6301, -88.3385



118.2720, -35.6301, 88.3385

# 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.



167.9350, -31.5200, 29.8750



146.7280, 35.6301, -88.3385



172.3660, -11.5194, 54.9300

# Square

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



146.7280, 35.6301, -88.3385



173.8930, 19.2798, 22.8958



170.5920, -24.4489, 48.5928



160.5520, -17.5271, -25.0401



# Rectangle

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



146.7280, 35.6301, -88.3385



167.5540, 33.2509, -25.0419



170.5920, -24.4489, 48.5928



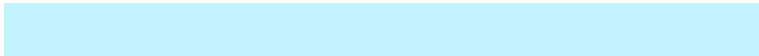
166.5370, -31.3237, 13.5611

# Sweetspot

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



146.7280, 35.6301, -88.3385



229.7170, 12.4645, -31.3238



151.5410, -34.7767, -92.5595



112.2410, 7.7692, -18.6284



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

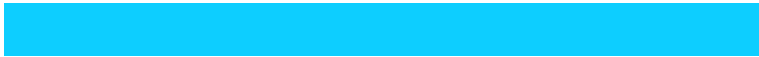


# Same Dimension

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



146.7280, 35.6301, -88.3385



153.8790, 49.8527, -123.5509



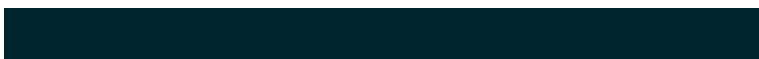
96.2460, 60.5177, -44.0657



104.9500, 2.4896, -5.2182



100.7280, 35.6301, -88.3385



26.9630, 9.3852, -23.6466



# Inverse Universe

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



113.4590, 34.7767, 92.5595



107.3600, 48.6295, 129.4803



168.7540, -60.5177, 44.0657



103.2010, 1.8729, 5.9627



67.4590, 34.7767, 92.5595

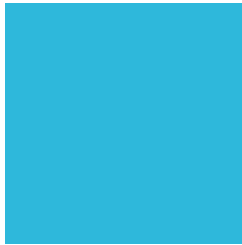


17.9720, 9.3808, 24.5806



# Previews

## White Background



This preview shows how the YUV color 146.7280, 35.6301, -88.3385 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

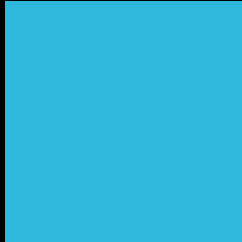
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 146.7280, 35.6301, -88.3385 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 146.7280, 35.6301, -88.3385

## Background



This preview shows how black text looks on a background with the YUV color 146.7280, 35.6301, -88.3385.



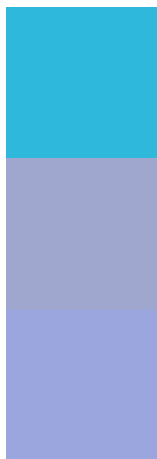
This preview shows how white text looks on a background with the YUV color 146.7280, 35.6301, -88.3385.



# 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

146.7280, 35.6301, -88.3385

### Protanopia

169.1680, 18.6512, -8.9173

### Deuteranopia

169.2090, 26.5190, -12.4613



## Tritanopia

140.2720, 30.4319, -101.0935

# Trichromacy



## Original Color

146.7280, 35.6301, -88.3385

## Protanomaly

160.8870, 24.7057, -37.6119

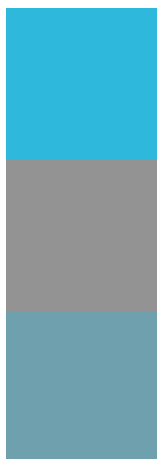
## Deuteranomaly

161.2440, 29.9527, -40.5560

## Tritanomaly

142.7610, 32.1628, -96.2604

# Monochromacy



## Original Color

146.7280, 35.6301, -88.3385

## Achromatopsia

147.0000, 0.0000, 0.0000

## Achromatomaly

146.5320, 13.0487, -32.0386

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.7280, 35.6301, -88.3385 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(46, 184, 219)` looks like.

```
.text, #text, p{  
    color:rgb(46, 184, 219)  
}
```

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(46, 184, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 184, 219) }
```

## Border

The CSS property to change the border of an element to YUV 146.7280, 35.6301, -88.3385 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(46, 184, 219) }
```



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

```
.border{ border-color:rgb(46, 184, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 184, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 184, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 184, 219);  
box-shadow:4px 4px 4px 4px rgb(46, 184,  
219) }
```

# Background

The CSS property to change the background color of an element to YUV 146.7280, 35.6301, -88.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 184, 219) }
```

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

```
.background{ background-color: rgb(46, 184,  
219) }
```

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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