

Converting Colors

YUV(146.2380, 38.8297,
-87.9087)

Have a look what the booklet for
YUV(146.2380, 38.8297, -87.9087)
contains.

YUV(146.2380, 38.8297, -87.9087)	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(146.2380, 38.8297,
-87.9087)**

Conversions

Conversions Part 1

Format	Color
Hex	2EB6E1
RGB	46, 182, 225
RGB Percent	18%, 71%, 88%
CMY	0.8196, 0.2863, 0.1176
CMYK	0.80, 0.19, 0.00, 0.12
HSL	194°, 75%, 53%
HSV	194°, 80%, 88%
XYZ	31.4453, 39.4730, 77.1959
YIQ	146.2380, -94.8590, -15.4590

Conversions

Conversions Part 2

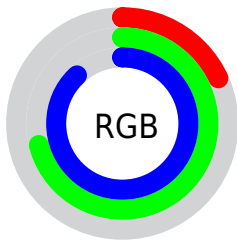
Format	Color
RYP	46, 123, 225
Decimal	3061473
CIELab	69.09, -20.96, -31.63
CIElCh	69, 37.943, 236.460
Yxy	39.4730, 0.2123, 0.2665
Android (android.graphics.Color)	4281251553 (0xFF2EB6E1)
YUV	146.2380, 38.8297, -87.9087
Hunter-Lab	62.8275, -20.6087, -28.8701

Details

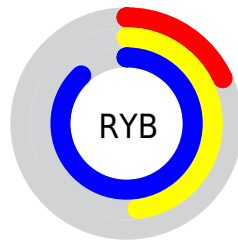
The YUV color **146.2380, 38.8297, -87.9087** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **124.7620, -38.8297, 87.9087**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9550, 24.6722, -73.6285**, and **95.1030, 36.9242, -83.4053** is the 20% darker color. If you saturate the color by 10%, you get **136.7250, 43.5196, -98.8598**, and if you desaturate by 10%, it is **155.7510, 34.1398, -76.9576**.

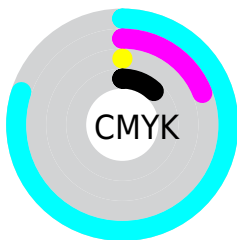
Distribution



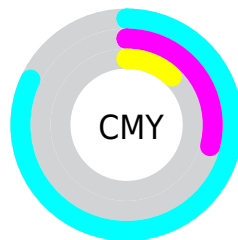
- Red (18%)
- Green (71%)
- Blue (88%)



- Red (18%)
- Yellow (48%)
- Blue (88%)



- Cyan (80%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (82%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2380, 38.8297, -87.9087 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 146.2380, 38.8297, -87.9087 by changing the saturation by 10% instead.

■ 146.2380, 38.8297,
-87.9087

■ 146.2380, 38.8297,
-87.9087

■ 255.0000, 0.0000,
0.0000

■ 113.4430, 41.1936,
-99.4895

■ 204.9550, 24.6722,
-73.6285

■ 95.1030, 36.9242,
-83.4053

■ 224.2030, 15.1829,
-63.3220

■ 77.3500, 32.3655,
-67.8359

■ 233.4720, 10.6133,
-44.2639

■ 59.7110, 28.2435,
-52.3665

■ 242.7410, 6.0437,
-25.2059

■ 43.3600, 23.9795,
-38.0267

■ 252.0100, 1.4741,
-6.1478

■ 28.2970, 19.5736,
-24.8165

■ 7.5920, 18.9351,

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 146.2380, 38.8297,
-87.9087

■ 146.2380, 38.8297,
-87.9087

■ 136.7250, 43.5196,
-98.8598

■ 155.7510, 34.1398,
-76.9576

■ 126.3260, 48.6463,
-109.9109

■ 166.1500, 29.0130,
-65.9066

■ 126.0270, 48.7937,
-110.5257

■ 175.9620, 24.1757,
-54.3407

■ 186.0620, 19.1964,
-43.9044

■ 195.8740, 14.3591,
-32.3385

■ 205.3870, 9.6692,
-21.3874

■ 215.4870, 4.6899,
-10.9511

■ 225.2990, -0.1474,
0.6148

■ 235.3990, -5.1267,
11.0511

Harmonies

Analogous

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



135.9400, 30.5956, -106.9414



146.2380, 38.8297, -87.9087



161.7580, 37.0943, -44.5148

Triad

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



146.2380, 38.8297, -87.9087



172.2590, 0.8583, 51.5159



163.2360, -28.2173, -2.8380

Complementary

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



146.2380, 38.8297, -87.9087



124.7620, -38.8297, 87.9087

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.



166.5600, -32.8141, 24.9419



146.2380, 38.8297, -87.9087



170.7530, -15.1612, 56.3446

Square

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



146.2380, 38.8297, -87.9087



173.2530, 16.6373, 30.4731



168.6580, -27.9324, 45.9039



157.8220, -13.7162, -34.0469

Rectangle

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



146.2380, 38.8297, -87.9087



168.0820, 32.4976, -16.7349



168.6580, -27.9324, 45.9039



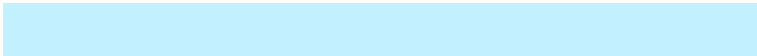
164.6070, -30.8653, 6.4837

Sweetspot

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



146.2380, 38.8297, -87.9087



227.9560, 13.3327, -29.7794



155.8610, -33.4555, -96.3481



111.6540, 8.0586, -18.1136



0.0000, 0.0000, 0.0000



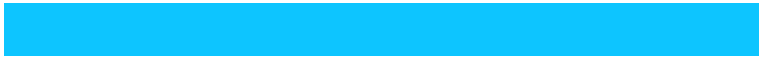
128.0000, 0.0000, 0.0000

Same Dimension

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



146.2380, 38.8297, -87.9087



148.5960, 52.4572, -118.9177



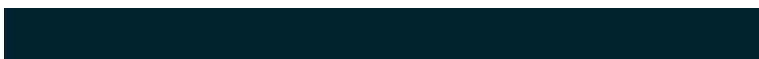
94.5820, 64.2961, -42.6064



107.5370, 2.2003, -5.7329



98.7220, 38.0981, -86.5792



27.1910, 10.2588, -23.8465

Inverse Universe

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



115.0250, 33.0187, 96.4481



106.3340, 44.6983, 130.3801



176.4180, -64.2961, 42.6064



105.3150, 2.3097, 5.8627



67.9000, 32.5873, 94.8037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 146.2380, 38.8297, -87.9087 looks on a white background.

Color Contrast Check

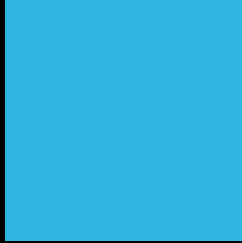
Large Text (above 18pt) WCAG AA × Fail

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 146.2380, 38.8297, -87.9087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

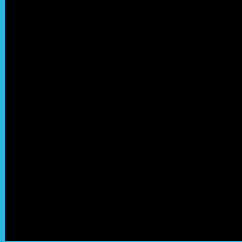
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.2380, 38.8297, -87.9087

Background



This preview shows how black text looks on a background with the YUV color 146.2380, 38.8297, -87.9087.

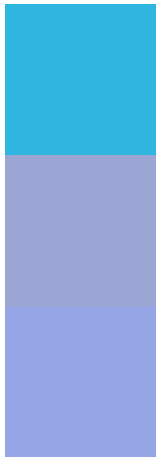


This preview shows how white text looks on a background with the YUV color 146.2380, 38.8297, -87.9087.

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

146.2380, 38.8297, -87.9087

Protanopia

168.0690, 22.1510, -11.4615

Deuteranopia

167.5120, 30.3136, -16.2350



Tritanopia

132.0960, 33.9697, -115.8482

Trichromacy



Original Color

146.2380, 38.8297, -87.9087



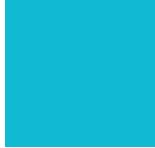
Protanomaly

160.0870, 28.0581, -39.5413



Deuteranomaly

159.8570, 33.5945, -41.9706



Tritanomaly

137.6180, 35.6843, -105.7820

Monochromacy



Original Color

146.2380, 38.8297, -87.9087



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.1730, 14.2117, -31.7237

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2380, 38.8297, -87.9087 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, 182, 225)` looks like.

```
.text, #text, p{  
    color:rgb(46, 182, 225)  
}
```

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, 182, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 182, 225) }
```

Border

The CSS property to change the border of an element to YUV 146.2380, 38.8297, -87.9087 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, 182, 225) }
```


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

```
.border{ border-color:rgb(46, 182, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 182, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 182, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 182, 225);  
box-shadow:4px 4px 4px 4px rgb(46, 182,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 146.2380, 38.8297, -87.9087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 182, 225) }
```

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

```
.background{ background-color: rgb(46, 182,  
225) }
```

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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