

Converting Colors

YUV(147.5070, 30.8090,
-82.0056)

Have a look what the booklet for
YUV(147.5070, 30.8090, -82.0056)
contains.

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Color

**YUV(147.5070, 30.8090,
-82.0056)**

Conversions

Conversions Part 1

Format	Color
Hex	36B7D2
RGB	54, 183, 210
RGB Percent	21%, 72%, 82%
CMY	0.7882, 0.2824, 0.1765
CMYK	0.74, 0.13, 0.00, 0.18
HSL	190°, 63%, 52%
HSV	190°, 74%, 82%
XYZ	30.0877, 39.3044, 66.9735
YIQ	147.5070, -85.5510, -18.9510

Conversions

Conversions Part 2

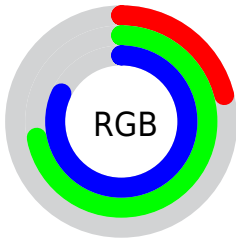
Format	Color
R _{YB}	54, 125, 210
Decimal	3586002
CIE _{Lab}	68.97, -25.49, -23.59
CIE _{LCh}	69, 34.730, 222.779
Yxy	39.3044, 0.2206, 0.2882
Android (android.graphics.Color)	4281776082 (0xFF36B7D2)
YUV	147.5070, 30.8090, -82.0056
Hunter-Lab	62.6932, -24.0476, -19.4527

Details

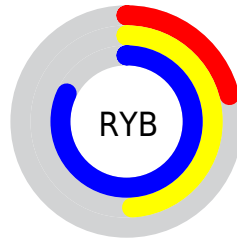
The YUV color **147.5070, 30.8090, -82.0056** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **116.4930, -30.8090, 82.0056**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1400, 24.0880, -72.9138**, and **93.9800, 30.0829, -82.4205** is the 20% darker color. If you saturate the color by 10%, you get **138.8800, 35.0622, -92.8568**, and if you desaturate by 10%, it is **156.1340, 26.5559, -71.1545**.

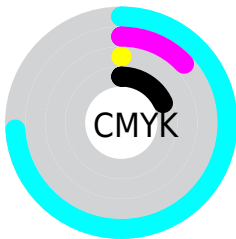
Distribution



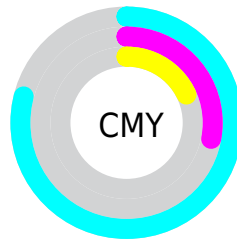
- Red (21%)
- Green (72%)
- Blue (82%)



- Red (21%)
- Yellow (49%)
- Blue (82%)



- Cyan (74%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (79%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.5070, 30.8090, -82.0056 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 147.5070, 30.8090, -82.0056 by changing the saturation by 10% instead.

■ 147.5070, 30.8090,
-82.0056

■ 147.5070, 30.8090,
-82.0056

■ 255.0000, 0.0000,
0.0000

■ 112.3200, 34.3522,
-98.5046

■ 206.1400, 24.0880,
-72.9138

■ 93.9800, 30.0829,
-82.4205

■ 224.8010, 14.8881,
-62.0925

■ 75.7540, 26.2503,
-66.4363

■ 233.7710, 10.4659,
-43.6492

■ 58.8160, 22.2757,
-51.5816

■ 243.0400, 5.8963,
-24.5911

■ 42.5790, 18.4486,
-37.3418

■ 252.0100, 1.4741,
-6.1478

■ 27.6300, 14.4794,
-24.2315

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 147.5070, 30.8090,
-82.0056

■ 147.5070, 30.8090,
-82.0056

■ 138.8800, 35.0622,
-92.8568

■ 156.1340, 26.5559,
-71.1545

■ 130.8400, 39.0259,
-104.2227

■ 164.1740, 22.5922,
-59.7886

■ 126.0780, 41.3735,
-110.5704

■ 172.8010, 18.3391,
-48.9375

■ 181.4280, 14.0860,
-38.0864

■ 189.4680, 10.1223,
-26.7204

■ 198.0950, 5.8692,
-15.8693

■ 206.1350, 1.9054,
-4.5034

■ 214.7620, -2.3477,
6.3477

■ 223.3890, -6.6008,
17.1988

Harmonies

Analogous

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



148.3650, 16.0891, -73.9881



147.5070, 30.8090, -82.0056



158.2960, 34.3641, -55.5106

Triad

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



147.5070, 30.8090, -82.0056



172.3160, 7.7322, 40.0649



165.0850, -29.1289, 9.5725

Complementary

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



147.5070, 30.8090, -82.0056



116.4930, -30.8090, 82.0056

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.



167.6410, -28.9100, 32.7638



147.5070, 30.8090, -82.0056



171.0820, -7.4354, 51.6711

Square

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



147.5070, 30.8090, -82.0056



172.0060, 21.1960, 14.9037



169.8030, -21.1019, 48.4078



161.0260, -19.7328, -17.5628

Rectangle

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



147.5070, 30.8090, -82.0056



164.6950, 32.6884, -31.3045



169.8030, -21.1019, 48.4078



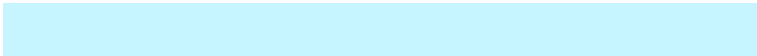
165.9120, -30.0296, 18.4942

Sweetspot

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



147.5070, 30.8090, -82.0056



232.3860, 11.1487, -29.2795



148.5360, -33.7882, -82.9081



114.3120, 6.7482, -17.8136



0.0000, 0.0000, 0.0000



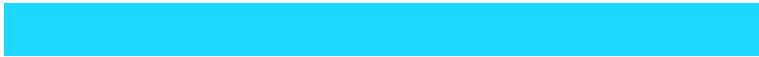
128.0000, 0.0000, 0.0000

Same Dimension

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



147.5070, 30.8090, -82.0056



164.2340, 44.7476, -119.4772



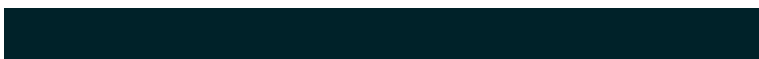
102.3080, 53.0922, -42.3661



100.5370, 2.2003, -5.7329



100.7450, 33.1567, -88.3534



24.6320, 8.0694, -21.6023

Inverse Universe

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



115.3500, 33.3514, 83.0081



117.3050, 48.6566, 120.7585



161.6920, -53.0922, 42.3661



98.3150, 2.3097, 5.8627



66.0780, 35.9505, 89.3856



16.1350, 8.8074, 21.8066

Previews

White Background



This preview shows how the YUV color 147.5070, 30.8090, -82.0056 looks on a white background.

Color Contrast Check

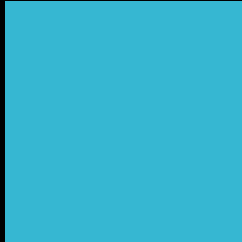
Large Text (above 18pt) WCAG AA × Fail

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 147.5070, 30.8090, -82.0056 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

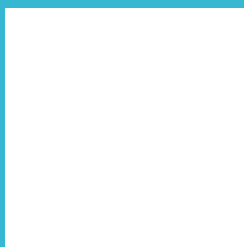
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.5070, 30.8090, -82.0056

Background



This preview shows how black text looks on a background with the YUV color 147.5070, 30.8090, -82.0056.



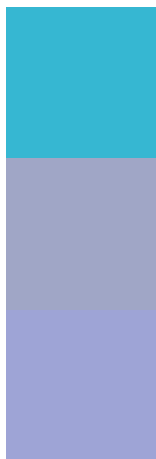
This preview shows how white text looks on a background with the YUV color 147.5070, 30.8090, -82.0056.

-82.0056.

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

147.5070, 30.8090, -82.0056

Protanopia

167.8540, 14.8620, -6.8880

Deuteranopia

167.9060, 22.7243, -8.6876



Tritanopia

145.1490, 27.0415, -86.9537

Trichromacy



Original Color

147.5070, 30.8090, -82.0056

Protanomaly

160.1710, 20.6217, -34.3530

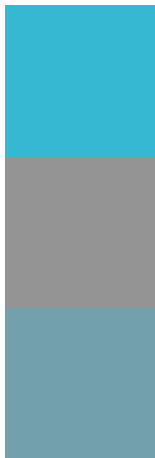
Deuteranomaly

160.5390, 25.8633, -35.5527

Tritanomaly

145.9150, 28.6359, -84.9945

Monochromacy



Original Color

147.5070, 30.8090, -82.0056

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0870, 11.2961, -29.8943

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5070, 30.8090, -82.0056 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(54, 183, 210)` looks like.

```
.text, #text, p{  
    color:rgb(54, 183, 210)  
}
```

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(54, 183, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 183, 210) }
```

Border

The CSS property to change the border of an element to YUV 147.5070, 30.8090, -82.0056 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(54, 183, 210) }
```


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

```
.border{ border-color:rgb(54, 183, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 183, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 183, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 183, 210);  
box-shadow:4px 4px 4px 4px rgb(54, 183,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 147.5070, 30.8090, -82.0056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 183, 210) }
```

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

```
.background{ background-color: rgb(54, 183,  
210) }
```

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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