

Converting Colors

YUV(184.0720, 30.5305,
-86.0091)

Have a look what the booklet for
YUV(184.0720, 30.5305, -86.0091)
contains.

YUV(184.0720, 30.5305, -86.0091)	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(184.0720, 30.5305,
-86.0091)**

Conversions

Conversions Part 1

Format	Color
Hex	56DEF6
RGB	86, 222, 246
RGB Percent	34%, 87%, 96%
CMY	0.6627, 0.1294, 0.0353
CMYK	0.65, 0.10, 0.00, 0.04
HSL	189°, 90%, 65%
HSV	189°, 65%, 96%
XYZ	46.5936, 60.8748, 96.4831
YIQ	184.0720, -88.7600, -21.3680

Conversions

Conversions Part 2

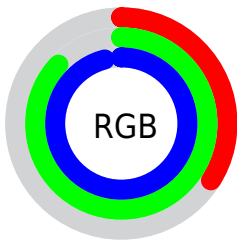
Format	Color
R _Y B	86, 160, 246
Decimal	5693174
CIE Lab	82.31, -29.51, -22.60
CIE LCh	82, 37.169, 217.442
Yxy	60.8748, 0.2285, 0.2985
Android (android.graphics.Color)	4283883254 (0xFF56DEF6)
YUV	184.0720, 30.5305, -86.0091
Hunter-Lab	78.0223, -29.9419, -18.7029

Details

The YUV color **184.0720, 30.5305, -86.0091** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **147.9280, -30.5305, 86.0091**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, 15.1829, -63.3220**, and **119.6890, 34.6633, -104.9673** is the 20% darker color. If you saturate the color by 10%, you get **174.2490, 35.3732, -99.3194**, and if you desaturate by 10%, it is **193.8950, 25.6878, -72.6989**.

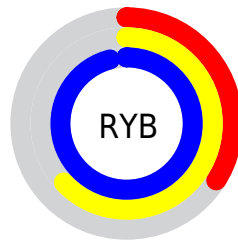
Distribution



Red (34%)

Green (87%)

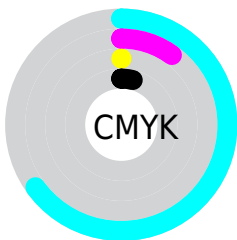
Blue (96%)



Red (34%)

Yellow (63%)

Blue (96%)

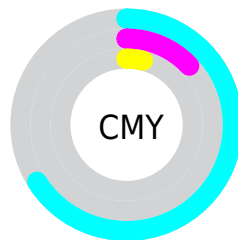


Cyan (65%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (66%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.0720, 30.5305, -86.0091 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 184.0720, 30.5305, -86.0091 by changing the saturation by 10% instead.

184.0720, 30.5305,
-86.0091

184.0720, 30.5305,
-86.0091

255.0000, 0.0000,
0.0000

152.0710, 32.0100,
-93.9013

224.2030, 15.1829,
-63.3220

119.6890, 34.6633,
-104.9673

233.4720, 10.6133,
-44.2639

100.7620, 30.6833,
-88.3683

242.7410, 6.0437,
-25.2059

82.4220, 26.4140,
-72.2841

252.0100, 1.4741,
-6.1478

64.8970, 22.7288,
-56.9147

47.9590, 18.7542,
-42.0600

32.4230, 15.0745,

-28.4350

■ 14.6530, 12.9891,
-12.8507

■ 2.8670, 8.4466,
-2.5144

■ 184.0720, 30.5305,
-86.0091

■ 184.0720, 30.5305,
-86.0091

■ 174.2490, 35.3732,
-99.3194

■ 193.8950, 25.6878,
-72.6989

■ 165.3120, 39.7792,
-112.5296

■ 202.8320, 21.2818,
-59.4887

■ 155.4890, 44.6219,
-125.8399

■ 212.6550, 16.4391,
-46.1784

■ 150.7270, 46.9696,
-132.1876

■ 222.1790, 11.7438,
-33.4830

231.4150, 7.1904,
-19.6580

241.2380, 2.3477,
-6.3477

249.8650, -1.9054,
4.5034

252.2130, -3.0630,
2.4442

253.9740, -3.9312,
0.8998

Harmonies

Analogous

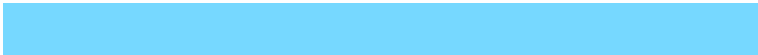
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



186.2680, 13.1789, -73.9030



184.0720, 30.5305, -86.0091



191.1440, 31.4810, -64.1473

Triad

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



184.0720, 30.5305, -86.0091



209.5270, 11.0792, 39.8798



201.5050, -32.7870, 16.2201

Complementary

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



184.0720, 30.5305, -86.0091



147.9280, -30.5305, 86.0091

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.



205.0010, -31.5525, 40.3411



184.0720, 30.5305, -86.0091



203.1890, -3.0512, 45.4382

Square

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



184.0720, 30.5305, -86.0091



208.4400, 22.9541, 11.0151



202.3620, -18.9125, 46.1635



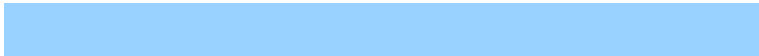
197.4950, -24.4010, -13.5891

Rectangle

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



184.0720, 30.5305, -86.0091



197.5000, 28.3475, -39.0265



202.3620, -18.9125, 46.1635



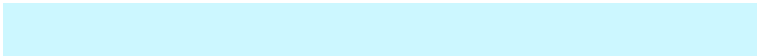
203.3320, -33.6877, 25.1418

Sweetspot

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



184.0720, 30.5305, -86.0091



235.0550, 9.8329, -27.2352



182.6560, -35.8194, -84.7673



115.7960, 6.0166, -16.4841



0.0000, 0.0000, 0.0000



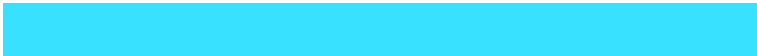
128.0000, 0.0000, 0.0000

Same Dimension

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



184.0720, 30.5305, -86.0091



177.8890, 38.0157, -106.8967



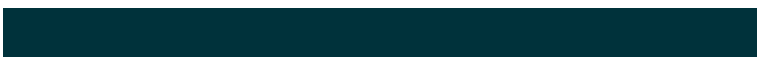
137.1120, 53.6818, -44.8252



117.8250, 2.0583, -6.8625



113.9500, 35.5207, -99.9341



36.0760, 11.3015, -31.6387

Inverse Universe

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



149.3440, 35.8194, 84.7673



134.7670, 44.4849, 105.4443



194.8880, -53.6818, 44.8252



114.8420, 3.0359, 6.2776



73.6260, 41.5964, 98.5520



23.3410, 13.1429, 31.2729

Previews

White Background



This preview shows how the YUV color 184.0720, 30.5305, -86.0091 looks on a white background.

Color Contrast Check

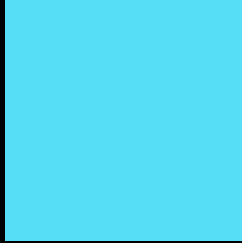
Large Text (above 18pt) WCAG AA × Fail

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 184.0720, 30.5305, -86.0091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

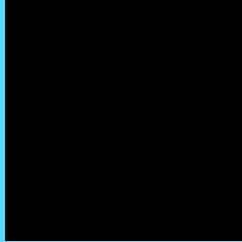
Any Text WCAG AA ✓ Pass

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 184.0720, 30.5305, -86.0091 Background



This preview shows how black text looks on a background with the YUV color 184.0720, 30.5305, -86.0091.



This preview shows how white text looks on a background with the YUV color 184.0720, 30.5305, -86.0091.

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

184.0720, 30.5305, -86.0091

Protanopia

204.2240, 13.6936, -5.4584

Deuteranopia

204.9280, 22.7135, -5.1989



Tritanopia

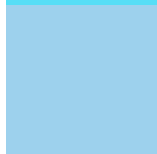
183.1920, 28.4993, -87.8684

Trichromacy



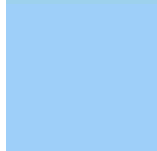
Original Color

184.0720, 30.5305, -86.0091



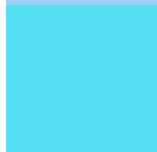
Protanomaly

196.6440, 19.8955, -34.7678



Deuteranomaly

197.1370, 25.5685, -34.3231



Tritanomaly

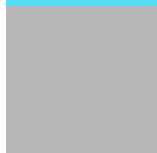
183.7190, 29.2255, -87.4536

Monochromacy



Original Color

184.0720, 30.5305, -86.0091



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.0760, 11.3015, -31.6387

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.0720, 30.5305, -86.0091 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(86, 222, 246)` looks like.

```
.text, #text, p{  
    color:rgb(86, 222, 246)  
}
```

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(86, 222, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 222, 246) }
```

Border

The CSS property to change the border of an element to YUV 184.0720, 30.5305, -86.0091 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(86, 222, 246) }
```


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

```
.border{ border-color:rgb(86, 222, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 222, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 222, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 222, 246);  
box-shadow:4px 4px 4px 4px rgb(86, 222,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 184.0720, 30.5305, -86.0091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 222, 246) }
```

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

```
.background{ background-color: rgb(86, 222,  
246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor