

Converting Colors

YUV(174.3680, 31.8636,
-46.8037)

Have a look what the booklet for
YUV(174.3680, 31.8636, -46.8037)
contains.

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Color

**YUV(174.3680, 31.8636,
-46.8037)**

Conversions

Conversions Part 1

Format	Color
Hex	79BDEF
RGB	121, 189, 239
RGB Percent	47%, 74%, 94%
CMY	0.5255, 0.2588, 0.0627
CMYK	0.49, 0.21, 0.00, 0.06
HSL	205°, 79%, 71%
HSV	205°, 49%, 94%
XYZ	41.6627, 46.6921, 88.4780
YIQ	174.3680, -56.5780, 1.1340

Conversions

Conversions Part 2

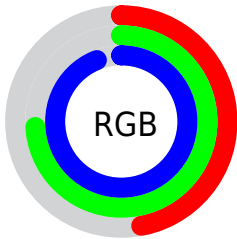
Format	Color
R_{YB}	121, 164, 239
Decimal	7978479
CIE _{Lab}	73.99, -8.08, -31.47
CIE _{LCh}	74, 32.495, 255.598
Yxy	46.6921, 0.2356, 0.2640
Android (android.graphics.Color)	4286168559 (0xFF79BDEF)
YUV	174.3680, 31.8636, -46.8037
Hunter-Lab	68.3316, -10.7465, -28.9384

Details

The YUV color **174.3680, 31.8636, -46.8037** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **185.6320, -31.8636, 46.8037**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.4060, 14.0968, -41.5751**, and **118.9330, 31.5850, -50.8072** is the 20% darker color. If you saturate the color by 10%, you get **161.3220, 38.2953, -56.4104**, and if you desaturate by 10%, it is **187.4140, 25.4319, -37.1971**.

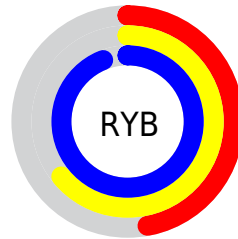
Distribution



Red (47%)

Green (74%)

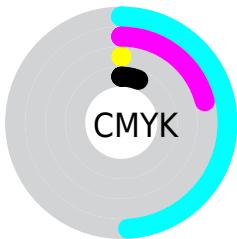
Blue (94%)



Red (47%)

Yellow (64%)

Blue (94%)

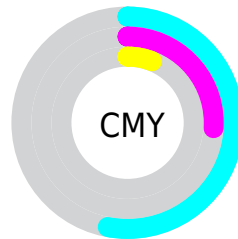


Cyan (49%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (53%)

Magenta (26%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.3680, 31.8636, -46.8037 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 174.3680, 31.8636, -46.8037 by changing the saturation by 10% instead.

■ 174.3680, 31.8636,
-46.8037

■ 174.3680, 31.8636,
-46.8037

255.0000, 0.0000,
0.0000

■ 146.6560, 31.7216,
-47.9333

■ 226.4060, 14.0968,
-41.5751

■ 118.9330, 31.5850,
-50.8072

■ 240.9470, 6.9281,
-28.8945

■ 89.5190, 32.7751,
-59.2142

■ 249.9170, 2.5059,
-10.4512

■ 65.3020, 31.8961,
-57.2699

■ 48.8370, 27.1954,
-42.8300

■ 33.1870, 23.0788,
-29.1050

■ 18.8250, 18.8203,

-16.5095

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 174.3680, 31.8636,
-46.8037

■ 174.3680, 31.8636,
-46.8037

■ 161.3220, 38.2953,
-56.4104

■ 187.4140, 25.4319,
-37.1971

■ 148.2760, 44.7269,
-66.0171

■ 200.4600, 19.0002,
-27.5904

■ 135.2300, 51.1586,
-75.6237

■ 213.5060, 12.5685,
-17.9838

■ 121.5970, 57.8797,
-84.7156

■ 227.1390, 5.8475,
-8.8919

■ 108.8500, 64.1639,
-93.7074

■ 239.8860, -0.4368,
0.1000

■ 108.2520, 64.4588,
-94.9370

■ 250.2410, -5.5418,
4.1736

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



166.9000, 28.1503, -69.1953



174.3680, 31.8636, -46.8037



181.9530, 28.1242, -13.9908

Triad

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



174.3680, 31.8636, -46.8037



185.3160, -9.0298, 49.7119



174.8840, -17.6908, -19.1923

Complementary

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



174.3680, 31.8636, -46.8037



185.6320, -31.8636, 46.8037

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.



178.6440, -26.9395, 7.3282



174.3680, 31.8636, -46.8037



183.1940, -20.8016, 45.4339

Square

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



174.3680, 31.8636, -46.8037



186.4470, 5.6956, 39.9500



181.4450, -28.3204, 30.3047



169.8450, -1.8956, -45.4681

Rectangle

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



174.3680, 31.8636, -46.8037



184.8910, 22.2387, 7.1116



181.4450, -28.3204, 30.3047



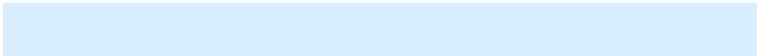
176.0270, -21.2123, -9.6707

Sweetspot

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



174.3680, 31.8636, -46.8037



234.2460, 10.2317, -15.1247



195.8520, -12.7450, -65.6452



115.2530, 6.2843, -8.9919



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.



174.3680, 31.8636, -46.8037



172.5820, 40.6321, -59.2694



140.3220, 48.6483, -16.9454



113.4770, 3.2158, -4.8033



83.1980, 49.6954, -72.9646



25.1680, 15.2002, -22.0723

Inverse Universe

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



164.0340, 12.3082, 65.7452



159.6540, 15.4536, 83.6184



219.6780, -48.6483, 16.9454



112.3860, 1.2887, 6.6775



67.1000, 19.1777, 102.5213



20.3920, 5.7227, 31.2282

Previews

White Background



This preview shows how the YUV color 174.3680, 31.8636, -46.8037 looks on a white background.

Color Contrast Check

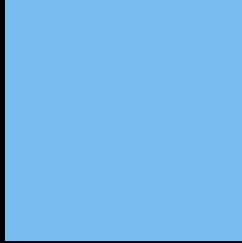
Large Text (above 18pt) WCAG AA × Fail

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 174.3680, 31.8636, -46.8037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

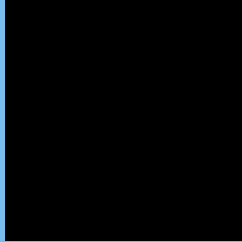
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.3680, 31.8636, -46.8037

Background



This preview shows how black text looks on a background with the YUV color 174.3680, 31.8636, -46.8037.



This preview shows how white text looks on a background with the YUV color 174.3680, 31.8636, -46.8037.

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

174.3680, 31.8636, -46.8037

Protanopia

181.7530, 24.7718, -12.0614

Deuteranopia

181.2950, 29.4346, -14.2907



Tritanopia

171.3060, 19.0761, -52.0114

Trichromacy



Original Color

174.3680, 31.8636, -46.8037

Protanomaly

179.3600, 27.4305, -24.8717

Deuteranomaly

178.7450, 30.1987, -26.0864

Tritanomaly

172.2830, 24.0175, -50.2372

Monochromacy



Original Color

174.3680, 31.8636, -46.8037

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9900, 11.8369, -16.6542

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3680, 31.8636, -46.8037 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(121, 189, 239)` looks like.

```
.text, #text, p{  
    color:rgb(121, 189, 239)  
}
```

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(121, 189, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 189, 239) }
```

Border

The CSS property to change the border of an element to YUV 174.3680, 31.8636, -46.8037 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(121, 189, 239) }
```


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

```
.border{ border-color:rgb(121, 189, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 189, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 189, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 189, 239);  
box-shadow:4px 4px 4px 4px rgb(121, 189,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 174.3680, 31.8636, -46.8037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 189, 239) }
```

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

```
.background{ background-color: rgb(121,  
189, 239) }
```

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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