

Converting Colors

YUV(173.9140, 23.7064,
-43.7746)

Have a look what the booklet for
YUV(173.9140, 23.7064, -43.7746)
contains.

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Color

**YUV(173.9140, 23.7064,
-43.7746)**

Conversions

Conversions Part 1

Format	Color
Hex	7CBEDE
RGB	124, 190, 222
RGB Percent	49%, 75%, 87%
CMY	0.5137, 0.2549, 0.1294
CMYK	0.44, 0.14, 0.00, 0.13
HSL	200°, 60%, 68%
HSV	200°, 44%, 87%
XYZ	39.9105, 46.3859, 75.9571
YIQ	173.9140, -49.6080, -4.0400

Conversions

Conversions Part 2

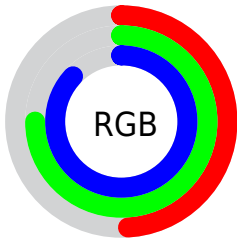
Format	Color
RYB	124, 163, 222
Decimal	8175326
CIELab	73.80, -12.63, -22.56
CIELCh	74, 25.855, 240.749
Yxy	46.3859, 0.2460, 0.2859
Android (android.graphics.Color)	4286365406 (0xFF7CBEDE)
YUV	173.9140, 23.7064, -43.7746
Hunter-Lab	68.1072, -14.5876, -18.4486

Details

The YUV color **173.9140, 23.7064, -43.7746** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **172.0860, -23.7064, 43.7746**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5910, 13.5126, -40.8603**, and **119.7890, 23.2750, -45.4190** is the 20% darker color. If you saturate the color by 10%, you get **163.2270, 28.9751, -53.6961**, and if you desaturate by 10%, it is **184.6010, 18.4377, -33.8531**.

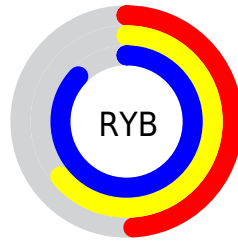
Distribution



Red (49%)

Green (75%)

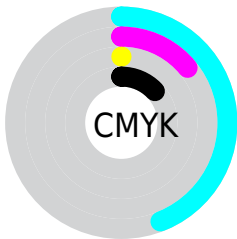
Blue (87%)



Red (49%)

Yellow (64%)

Blue (87%)

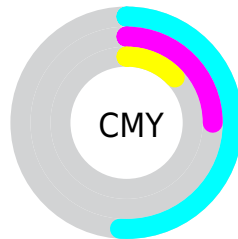


Cyan (44%)

Magenta (14%)

Yellow (0%)

Black (13%)



Cyan (51%)

Magenta (25%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9140, 23.7064, -43.7746 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 173.9140, 23.7064, -43.7746 by changing the saturation by 10% instead.

■ 173.9140, 23.7064,
-43.7746

■ 173.9140, 23.7064,
-43.7746

255.0000, 0.0000,
0.0000

■ 146.5010, 23.4170,
-44.2894

■ 227.5910, 13.5126,
-40.8603

■ 119.7890, 23.2750,
-45.4190

■ 241.2460, 6.7807,
-28.2797

■ 91.8810, 23.7227,
-49.0076

■ 250.2160, 2.3585,
-9.8364

■ 64.1790, 25.0548,
-56.2850

■ 47.2410, 21.0802,
-41.4304

■ 31.7050, 17.4004,
-27.8053

■ 17.9300, 12.8525,

-15.7246

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 173.9140, 23.7064,
-43.7746

■ 173.9140, 23.7064,
-43.7746

■ 163.2270, 28.9751,
-53.6961

■ 184.6010, 18.4377,
-33.8531

■ 152.5400, 34.2438,
-63.6176

■ 195.2880, 13.1690,
-23.9316

■ 140.9670, 39.9493,
-73.6391

■ 206.8610, 7.4635,
-13.9101

■ 130.2800, 45.2180,
-83.5606

■ 217.5480, 2.1948,
-3.9886

■ 119.5930, 50.4867,
-93.4821

■ 228.2350, -3.0739,
5.9329

■ 113.3580, 53.5605,
-99.4150

■ 238.3240, -8.0477,
14.6249

■ 243.0200,
-10.3629, 10.5065

■ 247.1290,
-12.3886, 6.9029

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



170.7360, 16.8922, -51.5115



173.9140, 23.7064, -43.7746



179.1600, 24.0781, -22.9423

Triad

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



173.9140, 23.7064, -43.7746



184.8890, -1.4243, 36.9313



177.4560, -18.4658, -3.9079

Complementary

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



173.9140, 23.7064, -43.7746



172.0860, -23.7064, 43.7746

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.



180.1380, -22.7460, 15.6650



173.9140, 23.7064, -43.7746



183.9250, -12.7810, 39.5308

Square

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



173.9140, 23.7064, -43.7746



185.3740, 9.6756, 23.3510



182.2200, -20.3215, 31.3791



173.9570, -8.3598, -25.3953

Rectangle

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



173.9140, 23.7064, -43.7746



182.5750, 21.4085, -6.6433



182.2200, -20.3215, 31.3791



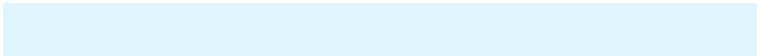
178.6310, -20.5241, 2.9546

Sweetspot

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



173.9140, 23.7064, -43.7746



238.6760, 8.0477, -14.6249



185.0600, -14.8196, -53.5496



117.6120, 5.1213, -9.3067



0.0000, 0.0000, 0.0000



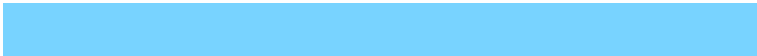
128.0000, 0.0000, 0.0000

Same Dimension

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



173.9140, 23.7064, -43.7746



188.8070, 32.6331, -60.3437



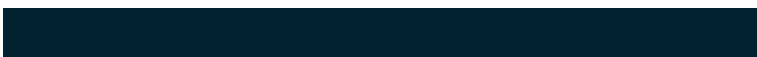
145.7380, 37.5972, -19.0642



106.9500, 2.4897, -5.2181



89.3300, 42.7283, -78.3424



24.8430, 11.4164, -21.7873

Inverse Universe

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



160.8260, 14.3828, 53.6496



170.7390, 19.8487, 73.8969



200.2620, -37.5972, 19.0642



105.2010, 1.8729, 5.9627



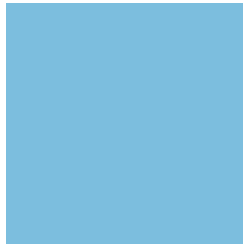
66.0760, 25.5985, 96.4033



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 173.9140, 23.7064, -43.7746 looks on a white background.

Color Contrast Check

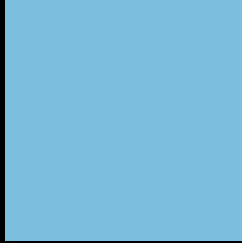
Large Text (above 18pt) WCAG AA × Fail

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 173.9140, 23.7064, -43.7746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

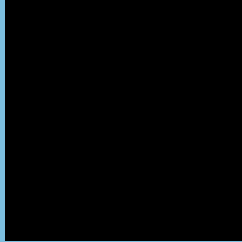
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.9140, 23.7064, -43.7746

Background



This preview shows how black text looks on a background with the YUV color 173.9140, 23.7064, -43.7746.

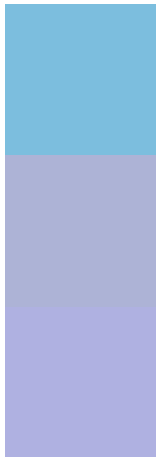


This preview shows how white text looks on a background with the YUV color 173.9140, 23.7064, -43.7746.

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

173.9140, 23.7064, -43.7746

Protanopia

181.1960, 16.1724, -7.1879

Deuteranopia

181.8740, 21.2611, -6.0285



Tritanopia

172.2960, 17.6021, -45.8636

Trichromacy



Original Color

173.9140, 23.7064, -43.7746

Protanomaly

178.5040, 18.9785, -20.6130

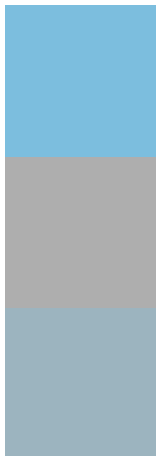
Deuteranomaly

179.0140, 22.1781, -20.1833

Tritanomaly

172.5780, 19.9280, -45.2339

Monochromacy



Original Color

173.9140, 23.7064, -43.7746

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.0780, 8.3425, -15.8544

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9140, 23.7064, -43.7746 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(124, 190, 222)` looks like.

```
.text, #text, p{  
    color:rgb(124, 190, 222)  
}
```

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(124, 190, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 190, 222) }
```

Border

The CSS property to change the border of an element to YUV 173.9140, 23.7064, -43.7746 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(124, 190, 222) }
```


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

```
.border{ border-color:rgb(124, 190, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 190, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 190, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 190, 222);  
box-shadow:4px 4px 4px 4px rgb(124, 190,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 173.9140, 23.7064, -43.7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 190, 222) }
```

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

```
.background{ background-color: rgb(124,  
190, 222) }
```

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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