

Converting Colors

YUV(220.7130, 5.0715,
-40.0903)

Have a look what the booklet for
YUV(220.7130, 5.0715, -40.0903)
contains.

YUV(220.7130, 5.0715, -40.0903)	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(220.7130, 5.0715,
-40.0903)**

Conversions

Conversions Part 1

Format	Color
Hex	AFF2E7
RGB	175, 242, 231
RGB Percent	69%, 95%, 91%
CMY	0.3137, 0.0510, 0.0941
CMYK	0.28, 0.00, 0.05, 0.05
HSL	170°, 72%, 82%
HSV	170°, 28%, 95%
XYZ	63.8551, 78.3877, 87.3661
YIQ	220.7130, -36.4010, -17.6250

Conversions

Conversions Part 2

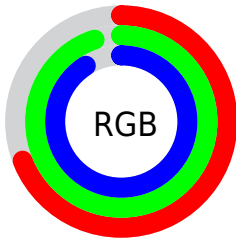
Format	Color
RYB	175, 211, 242
Decimal	11530983
CIELab	90.96, -23.11, -1.44
CIELCh	91, 23.150, 183.566
Yxy	78.3877, 0.2781, 0.3414
Android (android.graphics.Color)	4289721063 (0xFFAFF2E7)
YUV	220.7130, 5.0715, -40.0903
Hunter-Lab	88.5369, -26.2005, 3.4698

Details

The YUV color **220.7130, 5.0715, -40.0903** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **196.2870, -5.0715, 40.0903**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.1230, 3.3904, -14.1399**, and **165.0120, 4.9241, -39.4755** is the 20% darker color. If you saturate the color by 10%, you get **213.0810, 6.8621, -54.4450**, and if you desaturate by 10%, it is **228.3450, 3.2809, -25.7356**.

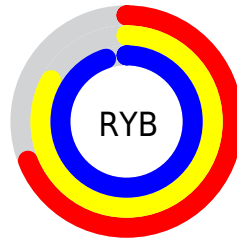
Distribution



Red (69%)

Green (95%)

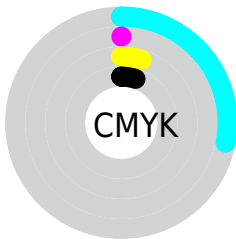
Blue (91%)



Red (69%)

Yellow (83%)

Blue (95%)

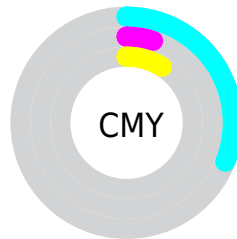


Cyan (28%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (31%)

Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.7130, 5.0715, -40.0903 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 220.7130, 5.0715, -40.0903 by changing the saturation by 10% instead.

■ 220.7130, 5.0715,
-40.0903

■ 220.7130, 5.0715,
-40.0903

255.0000, 0.0000,
0.0000

■ 192.7130, 5.0715,
-40.0903

■ 248.1230, 3.3904,
-14.1399

■ 165.0120, 4.9241,
-39.4755

■ 138.4250, 5.2135,
-38.9607

■ 111.8380, 5.5029,
-38.4459

■ 86.2400, 5.7977,
-39.6755

■ 58.6630, 7.5611,
-45.3085

■ 40.5610, 5.6394,

-35.5720

■ 25.2530, 2.8333,
-22.1469

■ 4.9070, 1.0318,
-4.3034

■ 220.7130, 5.0715,
-40.0903

■ 220.7130, 5.0715,
-40.0903

■ 213.0810, 6.8621,
-54.4450

■ 228.3450, 3.2809,
-25.7356

■ 205.4490, 8.6526,
-68.7998

■ 235.9770, 1.4903,
-11.3808

■ 197.5180, 10.5906,
-83.7693

■ 243.9080, -0.4476,
3.5887

■ 189.8860, 12.3812,
-98.1240

■ 246.4570, 0.2677,
7.4922

■ 182.2540, 14.1718,
-112.4788

■ 246.9130, 2.0149,
7.0923

■ 174.6220, 15.9624,
-126.8335

■ 247.3690, 3.7621,
6.6924

■ 166.9900, 17.7529,
-141.1882

■ 165.0820, 18.2006,
-144.7769

Harmonies

Analogous

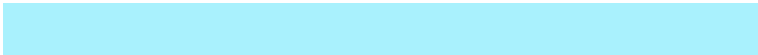
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.7120, -6.7600, -25.1804



220.7130, 5.0715, -40.0903



220.8400, 15.8549, -45.4637

Triad

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



220.7130, 5.0715, -40.0903



230.5350, 12.0612, 4.7928



227.6320, -18.5526, 24.0017

Complementary

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



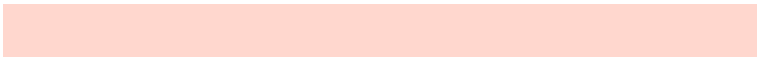
220.7130, 5.0715, -40.0903



196.2870, -5.0715, 40.0903

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.



225.9340, -9.8275, 25.4909



220.7130, 5.0715, -40.0903



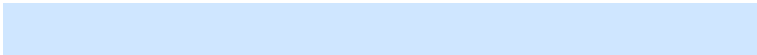
231.4230, 8.6655, 20.6770

Square

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



220.7130, 5.0715, -40.0903



225.9730, 14.3103, -16.6393



227.7410, -0.3653, 23.9061



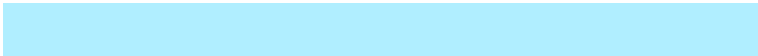
227.8820, -21.1408, 14.1355

Rectangle

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



220.7130, 5.0715, -40.0903



221.4000, 16.5648, -39.8158



227.7410, -0.3653, 23.9061



226.9140, -16.2266, 24.6314

Sweetspot

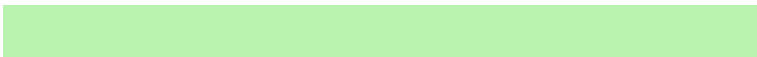
The Sweet Spot groups the original color and five complimentary colors.



220.7130, 5.0715, -40.0903



248.6780, 1.6377, -11.9956



217.6180, -21.0107, -27.7290



123.7710, 0.6059, -7.6922



0.0000, 0.0000, 0.0000



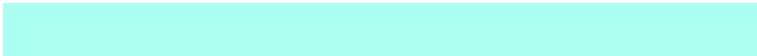
128.0000, 0.0000, 0.0000

Same Dimension

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



220.7130, 5.0715, -40.0903



228.2880, 6.2670, -50.2416



209.0530, 16.2429, -29.8645



116.1840, 0.8953, -7.1774



125.4500, 13.5822, -110.0196



38.2300, 4.3236, -33.5277

Inverse Universe

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



196.2870, -5.0715, 40.0903



197.7120, -6.2670, 50.2416



207.9470, -16.2429, 29.8645



111.8160, -0.8953, 7.1774



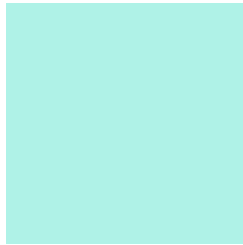
58.4360, -14.0189, 110.1196



17.7700, -4.3236, 33.5277

Previews

White Background



This preview shows how the YUV color 220.7130, 5.0715, -40.0903 looks on a white background.

Color Contrast Check

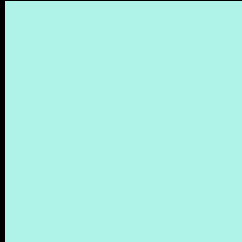
Large Text (above 18pt) WCAG AA × Fail

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 220.7130, 5.0715, -40.0903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

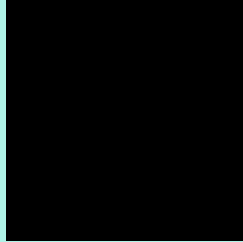
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

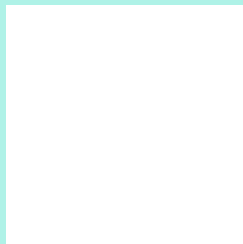
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 220.7130, 5.0715, -40.0903

Background



This preview shows how black text looks on a background with the YUV color 220.7130, 5.0715, -40.0903.



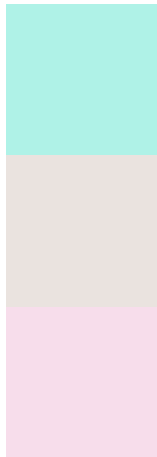
This preview shows how white text looks on a background with the YUV color 220.7130, 5.0715, -40.0903.

-40.0903.

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

220.7130, 5.0715, -40.0903

Protanopia

228.6370, -2.7790, 4.7034

Deuteranopia

230.3700, 2.2826, 14.5845



Tritanopia

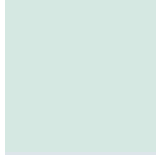
223.5040, 15.5275, -33.7680

Trichromacy



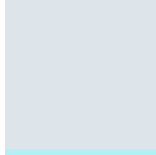
Original Color

220.7130, 5.0715, -40.0903



Protanomaly

225.6350, 0.1799, -11.0809



Deuteranomaly

227.1780, 3.3632, -5.4181



Tritanomaly

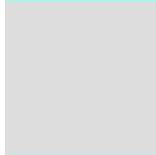
222.4560, 11.6072, -36.3569

Monochromacy



Original Color

220.7130, 5.0715, -40.0903



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.0690, 1.9380, -14.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.7130, 5.0715, -40.0903 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(175, 242, 231)` looks like.

```
.text, #text, p{  
    color:rgb(175, 242, 231)  
}
```

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(175, 242, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 242, 231) }
```

Border

The CSS property to change the border of an element to YUV 220.7130, 5.0715, -40.0903 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(175, 242, 231) }
```


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

```
.border{ border-color:rgb(175, 242, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 242, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 242, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 242, 231);  
box-shadow:4px 4px 4px 4px rgb(175, 242,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 220.7130, 5.0715, -40.0903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 242, 231) }
```

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

```
.background{ background-color: rgb(175,  
242, 231) }
```

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