

Converting Colors

YUV(222.7350, -15.1524,
-40.1096)

Have a look what the booklet for
YUV(222.7350, -15.1524, -40.1096)
contains.

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Color

**YUV(222.7350, -15.1524,
-40.1096)**

Conversions

Conversions Part 1

Format	Color
Hex	B1FCC0
RGB	177, 252, 192
RGB Percent	69%, 99%, 75%
CMY	0.3059, 0.0118, 0.2471
CMYK	0.30, 0.00, 0.24, 0.01
HSL	132°, 93%, 84%
HSV	132°, 30%, 99%
XYZ	62.4563, 82.7737, 62.5543
YIQ	222.7350, -25.4400, -34.5600

Conversions

Conversions Part 2

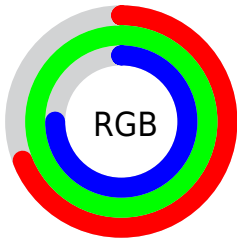
Format	Color
RYB	177, 240, 252
Decimal	11664576
CIELab	92.92, -34.77, 21.52
CIELCh	93, 40.891, 148.243
Yxy	82.7737, 0.3006, 0.3984
Android (android.graphics.Color)	4289854656 (0xFFB1FCC0)
YUV	222.7350, -15.1524, -40.1096
Hunter-Lab	90.9800, -36.6778, 22.9206

Details

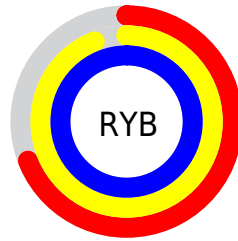
The YUV color **222.7350, -15.1524, -40.1096** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **206.2650, 15.1524, 40.1096**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.0370, 0.4748, -12.3104**, and **166.6750, -14.1368, -39.1800** is the 20% darker color. If you saturate the color by 10%, you get **212.9800, -20.2031, -53.4795**, and if you desaturate by 10%, it is **232.4900, -10.1016, -26.7397**.

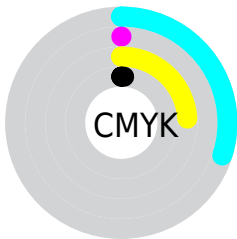
Distribution



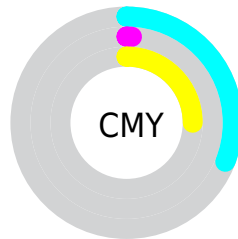
- Red (69%)
- Green (99%)
- Blue (75%)



- Red (69%)
- Yellow (94%)
- Blue (99%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (1%)



- Cyan (31%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.7350, -15.1524, -40.1096 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 222.7350, -15.1524, -40.1096 by changing the saturation by 10% instead.

■ 222.7350,
-15.1524, -40.1096

■ 222.7350,
-15.1524, -40.1096

255.0000, 0.0000,
0.0000

■ 194.2620,
-14.4262, -39.6948

■ 248.0370, 0.4748,
-12.3104

■ 166.6750,
-14.1368, -39.1800

■ 140.2020,
-13.4106, -38.7652

■ 113.4300,
-12.5370, -38.9651

■ 87.3590, -11.5160,
-39.7798

■ 60.0100, -8.8789,
-45.6128

■ 41.0220, -10.3638,

-35.9763

■ 25.2410, -12.4438,
-22.1364

■ 10.5660, -5.2090,
-9.2664

■ 222.7350,
-15.1524, -40.1096

■ 222.7350,
-15.1524, -40.1096

■ 212.9800,
-20.2031, -53.4795

■ 232.4900,
-10.1016, -26.7397

■ 203.2250,
-25.2539, -66.8493

■ 242.2450, -5.0508,
-13.3699

■ 193.1710,
-30.1573, -80.8340

■ 252.2990, -0.1474,
0.6148

■ 183.3020,
-35.6449, -94.1039

■ 253.2390, 0.8682,
1.5444

■ 173.5470,
-40.6957, -107.4737

■ 163.7920,
-45.7465, -120.8436

■ 154.0370,
-50.7972, -134.2134

■ 153.6240,
-51.0866, -134.7282

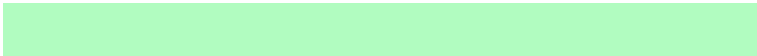
Harmonies

Analogous

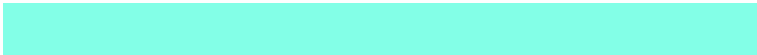
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.6010, -31.8483, -4.9121



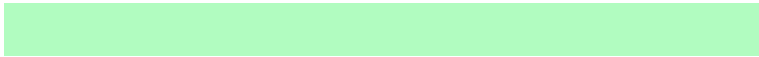
222.7350, -15.1524, -40.1096



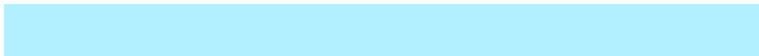
215.1880, 7.7953, -73.8329

Triad

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



222.7350, -15.1524, -40.1096



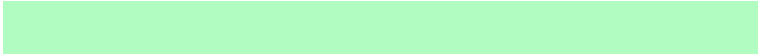
222.5850, 15.9806, -39.1010



221.0270, -10.8593, 29.7943

Complementary

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



222.7350, -15.1524, -40.1096



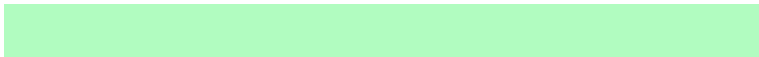
206.2650, 15.1524, 40.1096

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.



223.8260, 7.4808, 27.3396



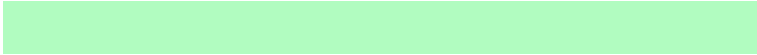
222.7350, -15.1524, -40.1096



232.0080, 11.3351, 4.3780

Square

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



222.7350, -15.1524, -40.1096



212.2980, 21.0521, -79.1913



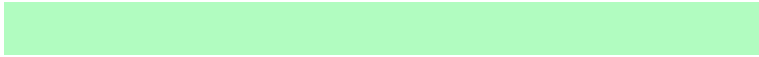
229.7590, 12.4438, 22.1364



223.4770, -26.8572, 27.6457

Rectangle

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



222.7350, -15.1524, -40.1096



210.7480, 21.8162, -90.9870



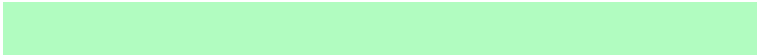
229.7590, 12.4438, 22.1364



221.3350, -4.6022, 29.5242

Sweetspot

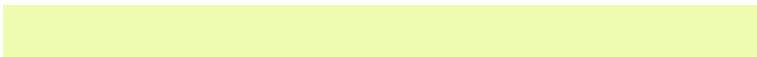
The Sweet Spot groups the original color and five complimentary colors.



222.7350, -15.1524, -40.1096



246.0710, -4.4720, -12.3403



238.9650, -30.5487, -1.7233



122.1470, -3.0305, -8.0219



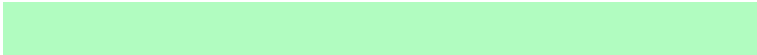
0.0000, 0.0000, 0.0000



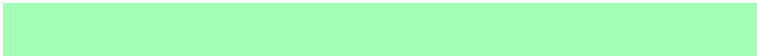
128.0000, 0.0000, 0.0000

Same Dimension

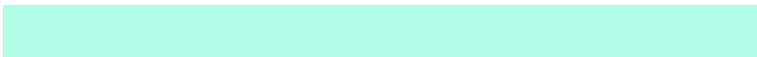
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.7350, -15.1524, -40.1096



219.1700, -18.3248, -49.2611



227.0670, 1.4460, -43.9088



119.9730, -2.4517, -6.9923



115.2750, -38.0966, -101.0962



37.1750, -12.4113, -32.6025

Inverse Universe

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



206.2650, 15.1524, 40.1096



198.9440, 18.7616, 49.1611



202.0470, -1.0092, 43.8088



117.0270, 2.4517, 6.9923



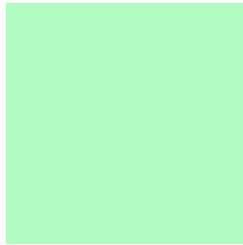
73.7250, 38.0966, 101.0962



23.8250, 12.4113, 32.6025

Previews

White Background



This preview shows how the YUV color 222.7350, -15.1524, -40.1096 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 222.7350, -15.1524, -40.1096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

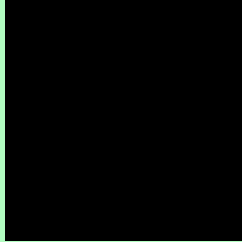
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

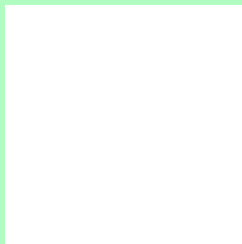
Any Text WCAG AAA ✓ Pass

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

YUV 222.7350, -15.1524, -40.1096 Background



This preview shows how black text looks on a background with the YUV color 222.7350, -15.1524, -40.1096.



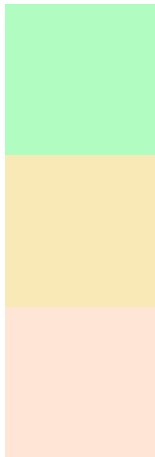
This preview shows how white text looks on a background with the YUV color 222.7350, -15.1524, -40.1096.

-40.1096.

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

222.7350, -15.1524, -40.1096

Protanopia

232.0840, -24.1984, 14.8353

Deuteranopia

235.0640, -10.3846, 17.4839



Tritanopia

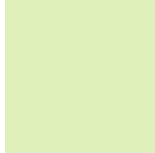
230.6470, 12.0060, -24.2464

Trichromacy



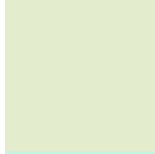
Original Color

222.7350, -15.1524, -40.1096



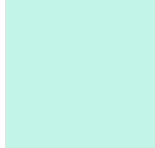
Protanomaly

228.7610, -21.0812, -5.0524



Deuteranomaly

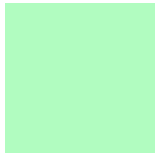
230.4760, -12.0667, -3.0485



Tritanomaly

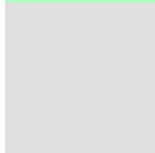
227.6820, 2.1288, -29.5391

Monochromacy



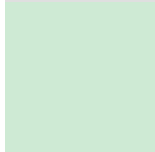
Original Color

222.7350, -15.1524, -40.1096



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

223.1200, -5.4822, -15.0142

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.7350, -15.1524, -40.1096 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(177, 252, 192)` looks like.

```
.text, #text, p{  
    color:rgb(177, 252, 192)  
}
```

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(177, 252, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 252, 192) }
```

Border

The CSS property to change the border of an element to YUV 222.7350, -15.1524, -40.1096 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(177, 252, 192) }
```


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

```
.border{ border-color:rgb(177, 252, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 252, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 252, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 252, 192); box-shadow:4px 4px 4px 4px rgb(177, 252, 192) }
```

Background

The CSS property to change the background color of an element to YUV 222.7350, -15.1524, -40.1096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 252, 192) }
```

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

```
.background{ background-color: rgb(177,  
252, 192) }
```

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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