

Converting Colors

YUV(232.9150, 2.0139,
-39.3905)

Have a look what the booklet for
YUV(232.9150, 2.0139, -39.3905)
contains.

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Color

**YUV(232.9150, 2.0139,
-39.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	BCFFED
RGB	188, 255, 237
RGB Percent	74%, 100%, 93%
CMY	0.2627, 0.0000, 0.0706
CMYK	0.26, 0.00, 0.07, 0.00
HSL	164°, 100%, 87%
HSV	164°, 26%, 100%
XYZ	71.7851, 88.3258, 93.3859
YIQ	232.9150, -34.1540, -19.8020

Conversions

Conversions Part 2

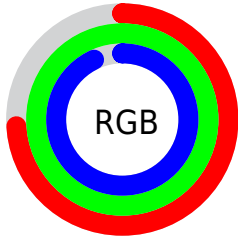
Format	Color
RYB	188, 227, 255
Decimal	12386285
CIELab	95.30, -24.39, 1.87
CIELCh	95, 24.465, 175.614
Yxy	88.3258, 0.2832, 0.3484
Android (android.graphics.Color)	4290576365 (0xFFBCFFED)
YUV	232.9150, 2.0139, -39.3905
Hunter-Lab	93.9818, -28.1264, 6.8732

Details

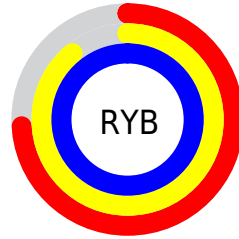
The YUV color $232.9150, 2.0139, -39.3905$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $210.0850, -2.0139, 39.3905$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, 1.4741, -6.1478$, and $176.6270, 2.1559, -38.2609$ is the 20% darker color. If you saturate the color by 10%, you get $224.6420, 2.6415, -54.0600$, and if you desaturate by 10%, it is $241.4870, 1.2389, -24.1061$.

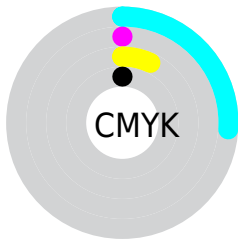
Distribution



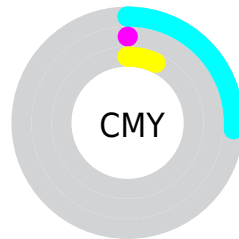
- Red (74%)
- Green (100%)
- Blue (93%)



- Red (74%)
- Yellow (89%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.9150, 2.0139, -39.3905 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 232.9150, 2.0139, -39.3905 by changing the saturation by 10% instead.

232.9150, 2.0139,
-39.3905

232.9150, 2.0139,
-39.3905

255.0000, 0.0000,
0.0000

204.3280, 2.3033,
-38.8757

252.0100, 1.4741,
-6.1478

176.6270, 2.1559,
-38.2609

149.6270, 2.1559,
-38.2609

123.0400, 2.4453,
-37.7461

97.1540, 2.8821,
-37.8461

71.3710, 3.7611,
-39.7904

47.0010, 4.9295,

-41.2199

■ 30.9920, 1.9759,
-27.1800

■ 17.3310, -2.1352,
-15.1993

■ 232.9150, 2.0139,
-39.3905

■ 232.9150, 2.0139,
-39.3905

■ 224.6420, 2.6415,
-54.0600

■ 241.4870, 1.2389,
-24.1061

■ 216.0700, 3.4165,
-69.3444

■ 249.7600, 0.6113,
-9.4365

■ 207.7970, 4.0441,
-84.0140

■ 255.0000, 0.0000,
0.0000

■ 199.3390, 5.2559,
-99.3983

■ 191.0660, 5.8835,
-114.0679

■ 182.4940, 6.6585,
-129.3522

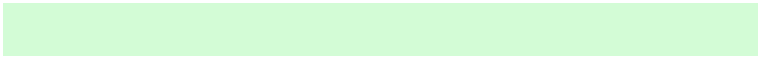
■ 174.2210, 7.2860,
-144.0218

■ 170.8890, 7.4497,
-149.8697

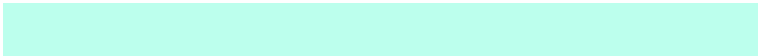
Harmonies

Analogous

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



235.4090, -10.5546, -21.4067



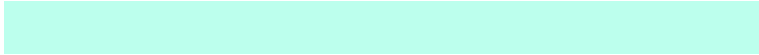
232.9150, 2.0139, -39.3905



231.6780, 11.4977, -47.9526

Triad

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



232.9150, 2.0139, -39.3905



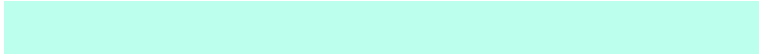
240.2480, 7.2727, 0.6595



234.9840, -15.7681, 17.5540

Complementary

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



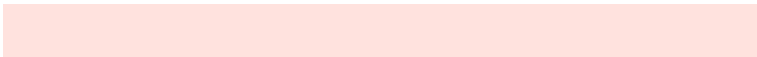
232.9150, 2.0139, -39.3905



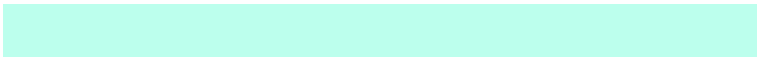
210.0850, -2.0139, 39.3905

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.



234.2150, -6.0220, 18.2284



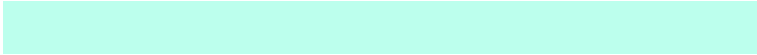
232.9150, 2.0139, -39.3905



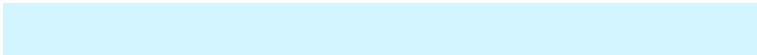
239.7380, 7.5242, 13.3848

Square

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



232.9150, 2.0139, -39.3905



235.6750, 9.5272, -22.5170



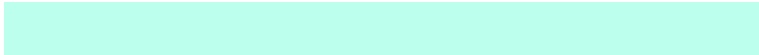
236.3640, 4.7505, 16.3438



238.7680, -21.5776, 14.2355

Rectangle

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



232.9150, 2.0139, -39.3905



231.4010, 11.6343, -45.0787



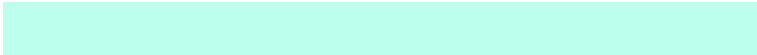
236.3640, 4.7505, 16.3438



234.4940, -12.5685, 17.9838

Sweetspot

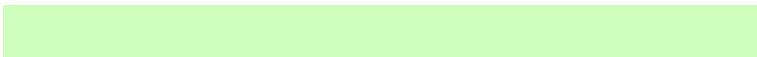
The Sweet Spot groups the original color and five complimentary colors.



232.9150, 2.0139, -39.3905



248.4500, 0.7642, -11.7956



233.0100, -22.1899, -22.8108



123.6570, 0.1691, -7.5922



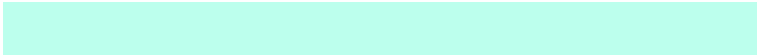
0.0000, 0.0000, 0.0000



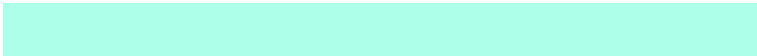
128.0000, 0.0000, 0.0000

Same Dimension

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



232.9150, 2.0139, -39.3905



227.9740, 2.4778, -48.2122



226.1620, 14.2171, -33.4681



123.6570, 0.1691, -7.5922



128.0770, 5.8780, -112.3235



42.9260, 2.0085, -37.6461

Inverse Universe

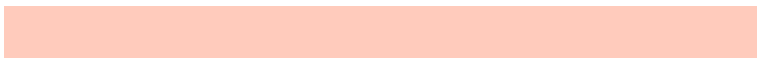
The Inverse Universe completely reimagines the original color for something new.



210.0850, -2.0139, 39.3905



200.0260, -2.4778, 48.2122



216.8380, -14.2171, 33.4681



119.2290, -0.6059, 7.6922



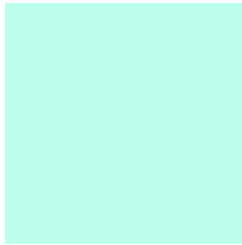
62.9230, -5.8780, 112.3235



21.0740, -2.0085, 37.6461

Previews

White Background



This preview shows how the YUV color 232.9150, 2.0139, -39.3905 looks on a white background.

Color Contrast Check

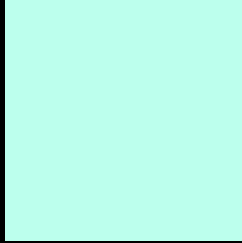
Large Text (above 18pt) WCAG AA × Fail

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 232.9150, 2.0139, -39.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

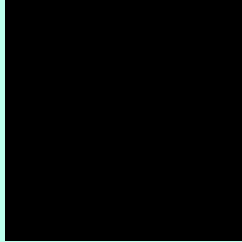
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

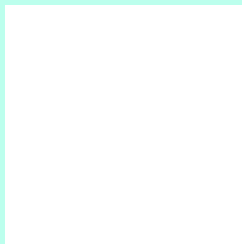
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.9150, 2.0139, -39.3905

Background



This preview shows how black text looks on a background with the YUV color 232.9150, 2.0139, -39.3905.



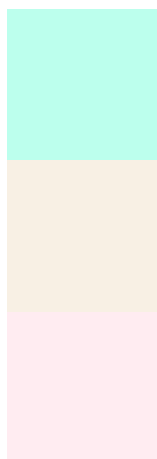
This preview shows how white text looks on a background with the YUV color 232.9150, 2.0139,

-39.3905.

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

232.9150, 2.0139, -39.3905

Protanopia

241.0240, -6.4208, 6.1180

Deuteranopia

242.2510, -0.6167, 11.1809



Tritanopia

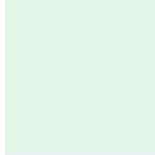
238.9640, 7.9057, -15.7544

Trichromacy



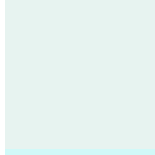
Original Color

232.9150, 2.0139, -39.3905



Protanomaly

237.7230, -3.3144, -10.2811



Deuteranomaly

239.0700, 0.4585, -7.0774



Tritanomaly

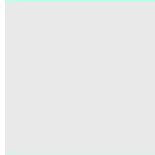
236.9260, 5.4595, -24.4911

Monochromacy



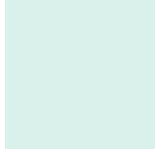
Original Color

232.9150, 2.0139, -39.3905



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

233.0260, 0.4802, -14.0548

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.9150, 2.0139, -39.3905 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(188, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(188, 255, 237)  
}
```

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(188, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 255, 237) }
```

Border

The CSS property to change the border of an element to YUV 232.9150, 2.0139, -39.3905 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(188, 255, 237) }
```


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

```
.border{ border-color:rgb(188, 255, 237) }
```

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

Here you see how a box with a 4 pixel rgb(188, 255, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(188, 255,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 232.9150, 2.0139, -39.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 255, 237) }
```

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

```
.background{ background-color: rgb(188,  
255, 237) }
```

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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