

Converting Colors

YUV(230.1850, 9.2758,
-35.2422)

Have a look what the booklet for
YUV(230.1850, 9.2758, -35.2422)
contains.

YUV(230.1850, 9.2758, -35.2422)	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(230.1850, 9.2758,
-35.2422)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF7F9
RGB	190, 247, 249
RGB Percent	75%, 97%, 98%
CMY	0.2549, 0.0314, 0.0235
CMYK	0.24, 0.01, 0.00, 0.02
HSL	182°, 83%, 86%
HSV	182°, 24%, 98%
XYZ	71.5949, 84.3082, 102.1222
YIQ	230.1850, -34.6140, -11.4620

Conversions

Conversions Part 2

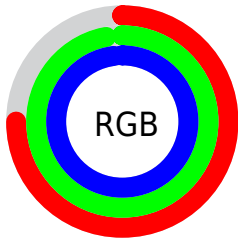
Format	Color
R_{YB}	190, 219, 249
Decimal	12515321
CIE Lab	93.58, -17.41, -6.83
CIE LCh	94, 18.702, 201.431
Yxy	84.3082, 0.2775, 0.3267
Android (android.graphics.Color)	4290705401 (0xFFBEF7F9)
YUV	230.1850, 9.2758, -35.2422
Hunter-Lab	91.8195, -21.5015, -1.6690

Details

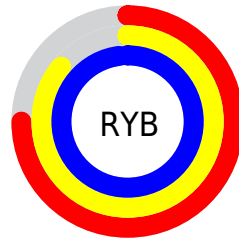
The YUV color $230.1850, 9.2758, -35.2422$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $208.8150, -9.2758, 35.2422$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6080, 1.1793, -4.9182$, and $174.4840, 9.1284, -34.6275$ is the 20% darker color. If you saturate the color by 10%, you get $222.1230, 13.2504, -50.0969$, and if you desaturate by 10%, it is $238.2470, 5.3012, -20.3876$.

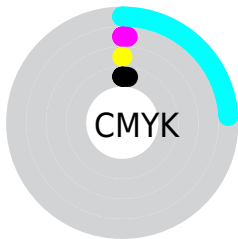
Distribution



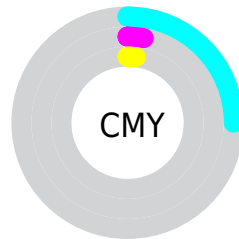
- Red (75%)
- Green (97%)
- Blue (98%)



- Red (75%)
- Yellow (86%)
- Blue (98%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (25%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.1850, 9.2758, -35.2422 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 230.1850, 9.2758, -35.2422 by changing the saturation by 10% instead.

230.1850, 9.2758,
-35.2422

230.1850, 9.2758,
-35.2422

255.0000, 0.0000,
0.0000

201.4840, 9.1284,
-34.6275

252.6080, 1.1793,
-4.9182

174.4840, 9.1284,
-34.6275

147.0820, 8.8336,
-33.3979

121.0820, 8.8336,
-33.3979

95.7830, 8.9810,
-34.0127

70.1850, 9.2758,
-35.2422

44.5050, 10.5970,

-39.0309

■ 29.0830, 7.3541,
-25.5058

■ 15.5360, 3.6798,
-13.6251

■ 230.1850, 9.2758,
-35.2422

■ 230.1850, 9.2758,
-35.2422

■ 222.1230, 13.2504,
-50.0969

■ 238.2470, 5.3012,
-20.3876

■ 214.0610, 17.2249,
-64.9515

■ 246.3090, 1.3267,
-5.5330

■ 205.9990, 21.1995,
-79.8061

■ 251.3810, -1.1738,
3.1739

■ 198.5240, 24.8847,
-95.1755

■ 251.9680, -1.4632,
2.6591

■ 190.4620, 28.8592,
-110.0302

■ 252.5550, -1.7526,
2.1443

■ 182.6990, 32.6864,
-124.2700

■ 253.1420, -2.0420,
1.6295

■ 174.6370, 36.6610,
-139.1246

■ 253.7290, -2.3314,
1.1147

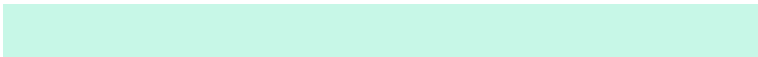
■ 169.8530, 39.0195,
-148.9611

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

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



230.8240, 0.0868, -27.9096



230.1850, 9.2758, -35.2422



230.3040, 12.1751, -31.8386

Triad

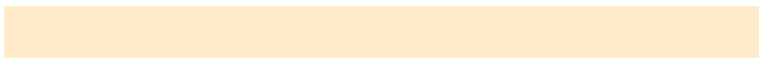
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.1850, 9.2758, -35.2422



239.1510, 7.8136, 13.8996



236.5170, -17.5099, 16.2096

Complementary

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



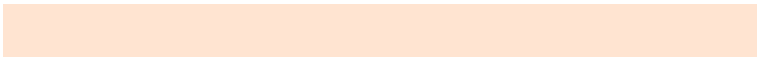
230.1850, 9.2758, -35.2422



208.8150, -9.2758, 35.2422

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.



233.9070, -12.2792, 18.4986



230.1850, 9.2758, -35.2422



235.9080, 3.0034, 16.7437

Square

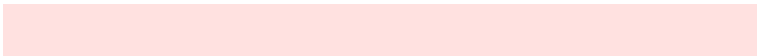
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.1850, 9.2758, -35.2422



236.3940, 9.1728, -2.0995



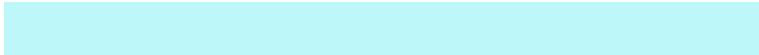
233.8560, -4.8590, 18.5433



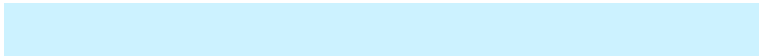
234.2980, -15.4299, 2.3697

Rectangle

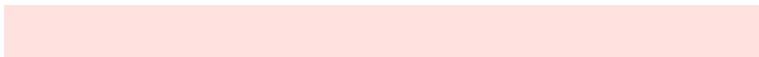
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.1850, 9.2758, -35.2422



232.1200, 11.2798, -24.6612



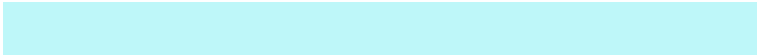
233.8560, -4.8590, 18.5433



235.5710, -16.0575, 17.0392

Sweetspot

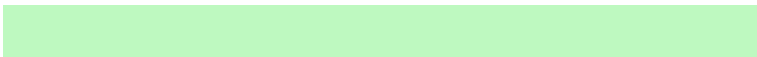
The Sweet Spot groups the original color and five complimentary colors.



230.1850, 9.2758, -35.2422



249.0310, 2.9427, -10.5512



224.8610, -16.2005, -30.5731



124.1240, 1.9109, -6.2477



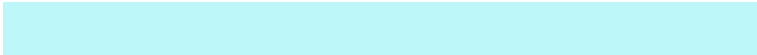
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

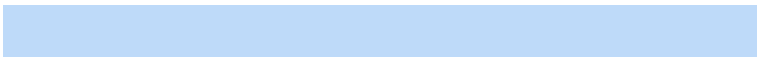
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.1850, 9.2758, -35.2422



232.5970, 11.0447, -42.6196



213.1620, 17.6681, -20.3131



121.1130, 1.9163, -7.9921



128.3800, 29.8857, -112.5893



41.5870, 9.5706, -36.4718

Inverse Universe

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



214.1390, 16.2005, 30.5731



213.0950, 19.6732, 36.7507



225.8380, -17.6681, 20.3131



117.3690, 3.7621, 6.6924



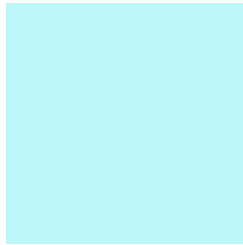
77.2590, 51.6373, 97.9969



24.9650, 16.7793, 31.6027

Previews

White Background



This preview shows how the YUV color 230.1850, 9.2758, -35.2422 looks on a white background.

Color Contrast Check

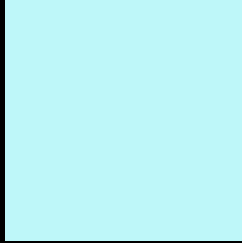
Large Text (above 18pt) WCAG AA × Fail

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 230.1850, 9.2758, -35.2422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

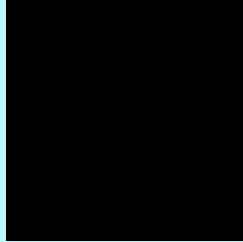
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.1850, 9.2758, -35.2422

Background



This preview shows how black text looks on a background with the YUV color 230.1850, 9.2758, -35.2422.



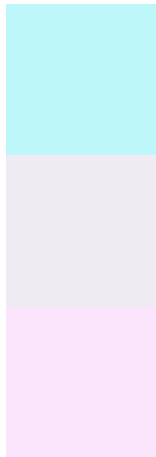
This preview shows how white text looks on a background with the YUV color 230.1850, 9.2758, -35.2422.

-35.2422.

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

230.1850, 9.2758, -35.2422

Protanopia

236.6950, 2.6154, 1.1445

Deuteranopia

238.3140, 7.2402, 11.1256



Tritanopia

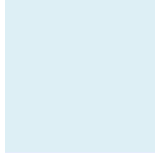
233.6150, 10.5428, -21.5874

Trichromacy



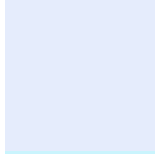
Original Color

230.1850, 9.2758, -35.2422



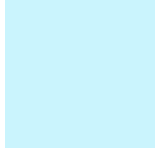
Protanomaly

234.3020, 5.2741, -11.6659



Deuteranomaly

235.7310, 8.0206, -5.9031



Tritanomaly

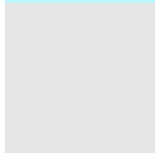
232.4680, 10.1223, -26.7204

Monochromacy



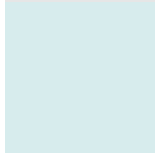
Original Color

230.1850, 9.2758, -35.2422



Achromatopsia

230.0000, 0.0000, 0.0000



Achromatomaly

229.8350, 3.5323, -13.0103

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.1850, 9.2758, -35.2422 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(190, 247, 249)` looks like.

```
.text, #text, p{  
    color:rgb(190, 247, 249)  
}
```

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(190, 247, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 247, 249) }
```

Border

The CSS property to change the border of an element to YUV 230.1850, 9.2758, -35.2422 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(190, 247, 249) }
```


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

```
.border{ border-color:rgb(190, 247, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 247, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 247, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 247, 249);  
box-shadow:4px 4px 4px 4px rgb(190, 247,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 230.1850, 9.2758, -35.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 247, 249) }
```

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

```
.background{ background-color: rgb(190,  
247, 249) }
```

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