

Converting Colors

YUV(216.8640, 9.4340,
-39.3457)

Have a look what the booklet for
YUV(216.8640, 9.4340, -39.3457)
contains.

YUV(216.8640, 9.4340, -39.3457)	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(216.8640, 9.4340,
-39.3457)**

Conversions

Conversions Part 1

Format	Color
Hex	ACECEC
RGB	172, 236, 236
RGB Percent	67%, 93%, 93%
CMY	0.3255, 0.0745, 0.0745
CMYK	0.27, 0.00, 0.00, 0.07
HSL	180°, 63%, 80%
HSV	180°, 27%, 93%
XYZ	62.1490, 74.8177, 90.5225
YIQ	216.8640, -38.1440, -13.5680

Conversions

Conversions Part 2

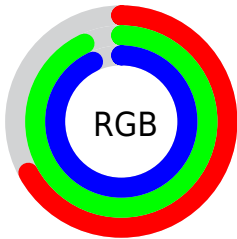
Format	Color
RYB	172, 204, 236
Decimal	11332844
CIELab	89.31, -19.93, -6.49
CIELCh	89, 20.964, 198.048
Yxy	74.8177, 0.2732, 0.3289
Android (android.graphics.Color)	4289522924 (0xFFACECEC)
YUV	216.8640, 9.4340, -39.3457
Hunter-Lab	86.4972, -23.1163, -1.5011

Details

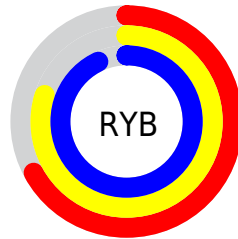
The YUV color $216.8640, 9.4340, -39.3457$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $191.1360, -9.4340, 39.3457$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.2260, 3.8326, -15.9842$, and $161.1630, 9.2866, -38.7310$ is the 20% darker color. If you saturate the color by 10%, you get $209.6880, 12.9718, -54.1004$, and if you desaturate by 10%, it is $224.0400, 5.8963, -24.5911$.

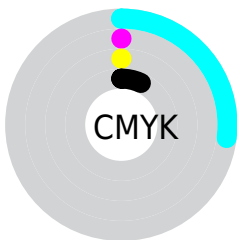
Distribution



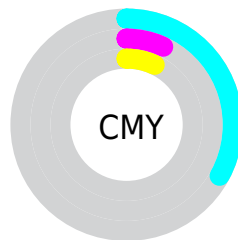
- Red (67%)
- Green (93%)
- Blue (93%)



- Red (67%)
- Yellow (80%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.8640, 9.4340, -39.3457 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 216.8640, 9.4340, -39.3457 by changing the saturation by 10% instead.

■ 216.8640, 9.4340,
-39.3457

■ 216.8640, 9.4340,
-39.3457

255.0000, 0.0000,
0.0000

■ 188.8640, 9.4340,
-39.3457

■ 247.2260, 3.8326,
-15.9842

■ 161.1630, 9.2866,
-38.7310

■ 134.4620, 9.1392,
-38.1162

■ 108.2770, 9.7234,
-38.8309

■ 82.6790, 10.0183,
-40.0605

■ 55.0910, 11.7871,
-47.4378

■ 38.6690, 8.5442,

-33.9127

■ 23.2470, 5.3012,
-20.3876

■ 2.0690, 5.3890,
-1.8145

■ 216.8640, 9.4340,
-39.3457

■ 216.8640, 9.4340,
-39.3457

■ 209.6880, 12.9718,
-54.1004

■ 224.0400, 5.8963,
-24.5911

■ 202.8110, 16.3622,
-68.2402

■ 230.9170, 2.5059,
-10.4512

■ 195.6350, 19.8999,
-82.9949

■ 238.0930, -1.0318,
4.3034

■ 188.7580, 23.2903,
-97.1348

■ 241.6810, -2.8007,
11.6808

■ 181.5820, 26.8281,
-111.8894

■ 174.4060, 30.3658,
-126.6441

■ 167.5290, 33.7562,
-140.7839

■ 165.4360, 34.7881,
-145.0874

Harmonies

Analogous

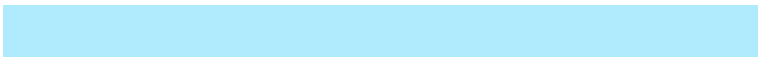
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.0580, -1.5076, -29.8689



216.8640, 9.4340, -39.3457



218.5250, 16.9962, -38.1714

Triad

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



216.8640, 9.4340, -39.3457



228.0630, 11.3079, 13.0997



224.4960, -18.9785, 20.6130

Complementary

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



216.8640, 9.4340, -39.3457



191.1360, -9.4340, 39.3457

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.



224.0930, -14.3428, 27.1054



216.8640, 9.4340, -39.3457



226.6640, 3.1236, 24.8507

Square

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



216.8640, 9.4340, -39.3457



224.5660, 15.0040, -5.7584



224.3840, -5.6123, 26.8502



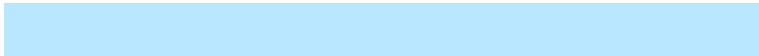
222.3260, -17.9087, 4.0991

Rectangle

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



216.8640, 9.4340, -39.3457



219.9820, 17.2639, -30.6792



224.3840, -5.6123, 26.8502



225.0450, -18.2632, 24.5165

Sweetspot

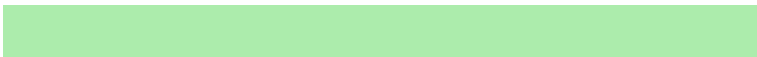
The Sweet Spot groups the original color and five complimentary colors.



216.8640, 9.4340, -39.3457



249.0200, 2.9481, -12.2955



209.5680, -18.5210, -32.9471



124.1130, 1.9163, -7.9921



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.



216.8640, 9.4340, -39.3457



229.8840, 12.3822, -51.6413



198.0800, 18.6946, -22.8722



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Inverse Universe

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



198.4320, 18.5210, 32.9471



205.6920, 24.3088, 43.2431



209.9200, -18.6946, 22.8722



110.5430, 3.1833, 5.6628



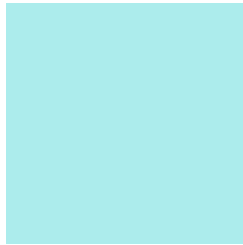
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 216.8640, 9.4340, -39.3457 looks on a white background.

Color Contrast Check

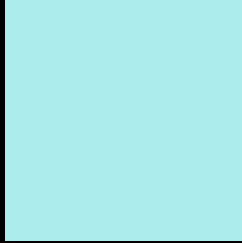
Large Text (above 18pt) WCAG AA × Fail

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 216.8640, 9.4340, -39.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

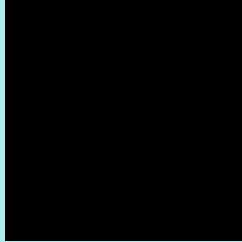
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.8640, 9.4340, -39.3457

Background



This preview shows how black text looks on a background with the YUV color 216.8640, 9.4340, -39.3457.

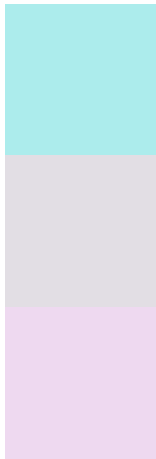


This preview shows how white text looks on a background with the YUV color 216.8640, 9.4340,

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

216.8640, 9.4340, -39.3457

Protanopia

223.8800, 2.0312, 1.8592

Deuteranopia

225.9010, 6.9508, 10.6108



Tritanopia

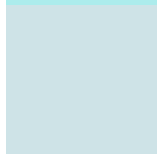
218.1230, 16.7014, -36.9419

Trichromacy



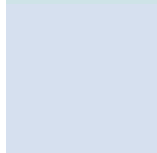
Original Color

216.8640, 9.4340, -39.3457



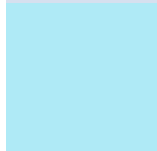
Protanomaly

221.1770, 4.8427, -13.3102



Deuteranomaly

222.7200, 8.0260, -7.6474



Tritanomaly

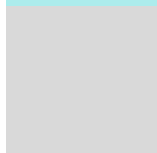
217.7270, 13.9386, -37.4716

Monochromacy



Original Color

216.8640, 9.4340, -39.3457



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.8640, 9.4340, -39.3457 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(172, 236, 236)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 236)  
}
```

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(172, 236, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 236) }
```

Border

The CSS property to change the border of an element to YUV 216.8640, 9.4340, -39.3457 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(172, 236, 236) }
```


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

```
.border{ border-color:rgb(172, 236, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 236, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 236);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 216.8640, 9.4340, -39.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 236, 236) }
```

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

```
.background{ background-color: rgb(172,  
236, 236) }
```

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