

Converting Colors

YUV(201.6350, 23.3509,
-69.8399)

Have a look what the booklet for
YUV(201.6350, 23.3509, -69.8399)
contains.

YUV(201.6350, 23.3509, -69.8399)	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(201.6350, 23.3509,
-69.8399)**

Conversions

Conversions Part 1

Format	Color
Hex	7AE9F9
RGB	122, 233, 249
RGB Percent	48%, 91%, 98%
CMY	0.5216, 0.0863, 0.0235
CMYK	0.51, 0.06, 0.00, 0.02
HSL	188°, 91%, 73%
HSV	188°, 51%, 98%
XYZ	54.2638, 69.2550, 100.1301
YIQ	201.6350, -71.2920, -18.5560

Conversions

Conversions Part 2

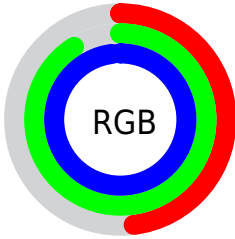
Format	Color
R _Y B	122, 181, 249
Decimal	8055289
CIE Lab	86.63, -27.58, -17.54
CIE LCh	87, 32.688, 212.456
Yxy	69.2550, 0.2426, 0.3097
Android (android.graphics.Color)	4286245369 (0xFF7AE9F9)
YUV	201.6350, 23.3509, -69.8399
Hunter-Lab	83.2196, -29.2422, -13.0842

Details

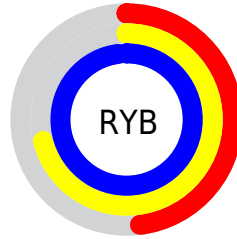
The YUV color **201.6350, 23.3509, -69.8399** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **169.3650, -23.3509, 69.8399**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1730, 10.7607, -44.8787**, and **142.9440, 24.6776, -75.3729** is the 20% darker color. If you saturate the color by 10%, you get **192.3990, 27.9043, -83.6649**, and if you desaturate by 10%, it is **210.8710, 18.7976, -56.0149**.

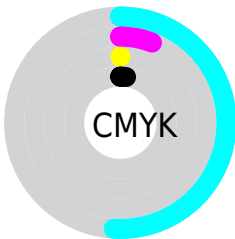
Distribution



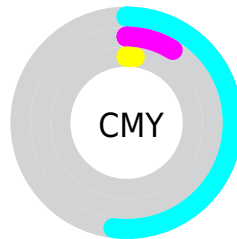
- Red (48%)
- Green (91%)
- Blue (98%)



- Red (48%)
- Yellow (71%)
- Blue (98%)



- Cyan (51%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (52%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.6350, 23.3509, -69.8399 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 201.6350, 23.3509, -69.8399 by changing the saturation by 10% instead.

201.6350, 23.3509,
-69.8399

201.6350, 23.3509,
-69.8399

255.0000, 0.0000,
0.0000

172.6240, 23.3564,
-71.5842

233.1730, 10.7607,
-44.8787

142.9440, 24.6776,
-75.3729

242.1430, 6.3385,
-26.4354

106.8600, 28.6630,
-93.7162

251.1130, 1.9163,
-7.9921

88.6340, 24.8304,
-77.7320

71.1090, 21.1453,
-62.3626

53.5840, 17.4601,
-46.9932

37.4610, 14.0697,

-32.8533

■ 23.6860, 9.5218,
-20.7726

■ 3.2090, 9.7570,
-2.8143

■ 201.6350, 23.3509,
-69.8399

■ 201.6350, 23.3509,
-69.8399

■ 192.3990, 27.9043,
-83.6649

■ 210.8710, 18.7976,
-56.0149

■ 183.1630, 32.4576,
-97.4900

■ 220.1070, 14.2442,
-42.1898

■ 173.9270, 37.0110,
-111.3150

■ 229.3430, 9.6909,
-28.3648

■ 164.1040, 41.8537,
-124.6252

■ 239.1660, 4.8482,
-15.0546

■ 156.3520, 45.6755,
-137.1207

■ 248.4020, 0.2948,
-1.2296

■ 252.5550, -1.7526,
2.1443

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

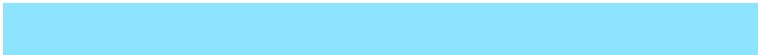
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202.8740, 7.4571, -58.6485



201.6350, 23.3509, -69.8399



205.0650, 24.6180, -56.1850

Triad

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



201.6350, 23.3509, -69.8399



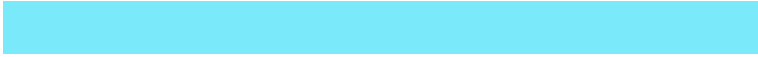
220.5150, 12.5641, 30.2433



215.3250, -29.7402, 19.0090

Complementary

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



201.6350, 23.3509, -69.8399



169.3650, -23.3509, 69.8399

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.



215.1620, -25.7159, 34.9379



201.6350, 23.3509, -69.8399



214.6330, 0.1809, 35.4019

Square

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



201.6350, 23.3509, -69.8399



218.4410, 18.0236, 5.7522



212.9740, -13.7912, 36.8568



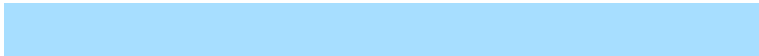
211.4680, -23.4017, -7.4264

Rectangle

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



201.6350, 23.3509, -69.8399



209.3170, 22.5217, -37.1120



212.9740, -13.7912, 36.8568



216.0810, -29.6199, 27.1160

Sweetspot

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



201.6350, 23.3509, -69.8399



240.7030, 7.0484, -20.7875



198.2590, -30.2007, -66.8791



119.3620, 4.2585, -12.5955



0.0000, 0.0000, 0.0000



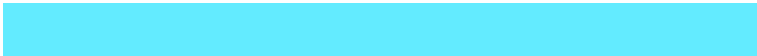
128.0000, 0.0000, 0.0000

Same Dimension

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



201.6350, 23.3509, -69.8399



196.6160, 28.7833, -85.6092



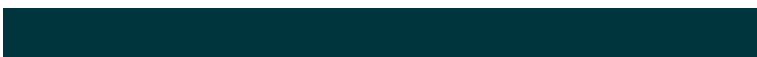
165.2410, 41.2932, -37.9224



119.9390, 2.4951, -6.9625



118.4010, 34.8053, -103.8377



38.0650, 11.3070, -33.3830

Inverse Universe

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



172.6270, 29.7639, 66.9791



161.1480, 36.4090, 82.3082



205.7590, -41.2932, 37.9224



117.1410, 2.8885, 6.8923



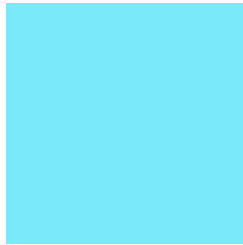
75.3210, 44.2117, 99.6965



24.2810, 14.1585, 32.2026

Previews

White Background



This preview shows how the YUV color 201.6350, 23.3509, -69.8399 looks on a white background.

Color Contrast Check

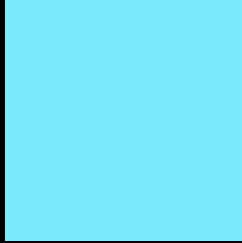
Large Text (above 18pt) WCAG AA × Fail

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 201.6350, 23.3509, -69.8399 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 201.6350, 23.3509, -69.8399

Background



This preview shows how black text looks on a background with the YUV color 201.6350, 23.3509, -69.8399.

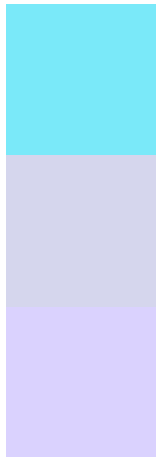


This preview shows how white text looks on a background with the YUV color 201.6350, 23.3509, -69.8399.

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

201.6350, 23.3509, -69.8399

Protanopia

216.3230, 10.1938, -2.9143

Deuteranopia

217.4080, 18.0399, 0.5192



Tritanopia

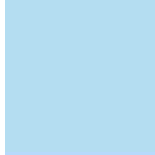
202.1620, 24.0771, -69.4251

Trichromacy



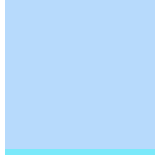
Original Color

201.6350, 23.3509, -69.8399



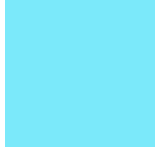
Protanomaly

211.0210, 14.7796, -27.2054



Deuteranomaly

211.4110, 20.0104, -24.9164



Tritanomaly

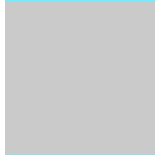
202.0480, 23.6403, -69.3251

Monochromacy



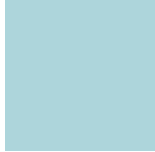
Original Color

201.6350, 23.3509, -69.8399



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.7240, 8.5171, -25.1909

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.6350, 23.3509, -69.8399 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(122, 233, 249)` looks like.

```
.text, #text, p{  
    color:rgb(122, 233, 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(122, 233, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 233, 249) }
```

Border

The CSS property to change the border of an element to YUV 201.6350, 23.3509, -69.8399 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(122, 233, 249) }
```


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

```
.border{ border-color:rgb(122, 233, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 233, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 233, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 233, 249);  
box-shadow:4px 4px 4px 4px rgb(122, 233,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 201.6350, 23.3509, -69.8399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 233, 249) }
```

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

```
.background{ background-color: rgb(122,  
233, 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