

Converting Colors

YUV(140.8270, 35.5813,
-72.6393)

Have a look what the booklet for
YUV(140.8270, 35.5813, -72.6393)
contains.

YUV(140.8270, 35.5813, -72.6393)	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(140.8270, 35.5813,
-72.6393)**

Conversions

Conversions Part 1

Format	Color
Hex	3AA9D5
RGB	58, 169, 213
RGB Percent	23%, 66%, 84%
CMY	0.7725, 0.3373, 0.1647
CMYK	0.73, 0.21, 0.00, 0.16
HSL	197°, 65%, 53%
HSV	197°, 73%, 84%
XYZ	27.9431, 34.0796, 68.0560
YIQ	140.8270, -80.2800, -9.8480

Conversions

Conversions Part 2

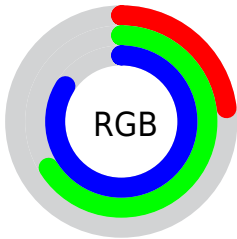
Format	Color
R _{YB}	58, 123, 213
Decimal	3844565
CIE Lab	65.03, -16.78, -31.30
CIE LCh	65, 35.516, 241.803
Yxy	34.0796, 0.2148, 0.2620
Android (android.graphics.Color)	4282034645 (0xFF3AA9D5)
YUV	140.8270, 35.5813, -72.6393
Hunter-Lab	58.3777, -16.7200, -28.2552

Details

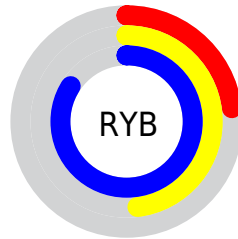
The YUV color **140.8270, 35.5813, -72.6393** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **130.1730, -35.5813, 72.6393**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9330, 28.1340, -63.9622**, and **86.6910, 35.1553, -76.0280** is the 20% darker color. If you saturate the color by 10%, you get **131.0260, 40.4132, -82.4608**, and if you desaturate by 10%, it is **150.6280, 30.7494, -62.8178**.

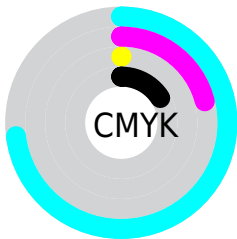
Distribution



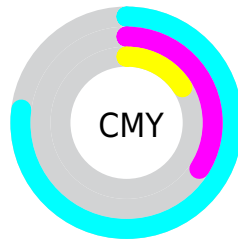
- Red (23%)
- Green (66%)
- Blue (84%)



- Red (23%)
- Yellow (48%)
- Blue (84%)



- Cyan (73%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (77%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8270, 35.5813, -72.6393 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 140.8270, 35.5813, -72.6393 by changing the saturation by 10% instead.

■ 140.8270, 35.5813,
-72.6393

■ 140.8270, 35.5813,
-72.6393

■ 255.0000, 0.0000,
0.0000

■ 105.0310, 39.4247,
-92.1122

■ 197.9330, 28.1340,
-63.9622

■ 86.6910, 35.1553,
-76.0280

■ 223.9260, 15.3195,
-60.4481

■ 69.0520, 31.0334,
-60.5586

■ 234.0700, 10.3185,
-43.0344

■ 52.5870, 26.3326,
-46.1188

■ 243.3390, 5.7489,
-23.9763

■ 36.3500, 22.5054,
-31.8789

■ 252.3090, 1.3267,
-5.5330

■ 22.5750, 17.9575,
-19.7983

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 140.8270, 35.5813,
-72.6393

■ 140.8270, 35.5813,
-72.6393

■ 131.0260, 40.4132,
-82.4608

■ 150.6280, 30.7494,
-62.8178

■ 120.9260, 45.3925,
-92.8971

■ 160.7280, 25.7701,
-52.3815

■ 114.0930, 48.7612,
-100.0596

■ 170.5290, 20.9382,
-42.5599

■ 180.3300, 16.1063,
-32.7384

■ 190.1310, 11.2744,
-22.9169

■ 200.2310, 6.2951,
-12.4806

■ 210.0320, 1.4632,
-2.6591

■ 219.8330, -3.3687,
7.1625

■ 229.9330, -8.3480,
17.5988

Harmonies

Analogous

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



129.4790, 29.8369, -96.8901



140.8270, 35.5813, -72.6393



153.4990, 33.2780, -33.7636

Triad

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



140.8270, 35.5813, -72.6393



161.1510, -2.0464, 49.8566



152.2400, -24.2753, -7.2265

Complementary

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



140.8270, 35.5813, -72.6393



130.1730, -35.5813, 72.6393

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.



155.7980, -30.4664, 18.5942



140.8270, 35.5813, -72.6393



159.3780, -16.4554, 51.4115

Square

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



140.8270, 35.5813, -72.6393



161.9390, 12.8481, 32.5025



157.5540, -26.8951, 39.8561



146.8370, -9.7796, -36.6910

Rectangle

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



140.8270, 35.5813, -72.6393



159.1000, 28.5447, -8.8577



157.5540, -26.8951, 39.8561



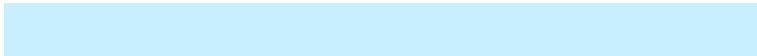
153.1980, -27.2126, 1.5804

Sweetspot

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



140.8270, 35.5813, -72.6393



228.8640, 12.8850, -26.1907



154.0010, -25.6365, -84.1929



111.9640, 7.9057, -15.7544



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.



140.8270, 35.5813, -72.6393



151.6410, 50.9560, -104.0482



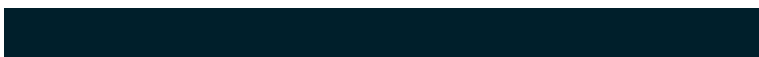
95.6280, 57.8644, -32.9998



101.9500, 2.4897, -5.2181



91.1080, 39.3868, -79.9017



23.0990, 9.8112, -20.2578

Inverse Universe

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



116.9990, 25.6365, 84.1929



117.5040, 36.7265, 120.5840



175.3720, -57.8644, 32.9998



100.2010, 1.8729, 5.9627



65.0370, 28.0828, 92.9296



16.3910, 7.2022, 23.3361

Previews

White Background



This preview shows how the YUV color 140.8270, 35.5813, -72.6393 looks on a white background.

Color Contrast Check

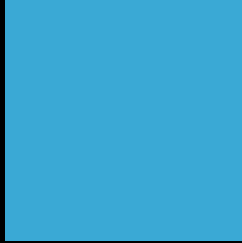
Large Text (above 18pt) WCAG AA × Fail

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 140.8270, 35.5813, -72.6393 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

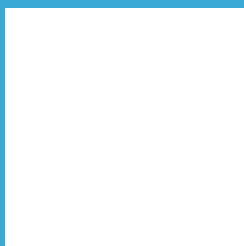
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 140.8270, 35.5813, -72.6393

Background



This preview shows how black text looks on a background with the YUV color 140.8270, 35.5813, -72.6393.



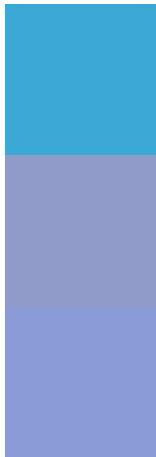
This preview shows how white text looks on a background with the YUV color 140.8270, 35.5813, -72.6393.

-72.6393.

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

140.8270, 35.5813, -72.6393

Protanopia

157.0690, 22.1510, -11.4615

Deuteranopia

156.8710, 29.1506, -16.5499



Tritanopia

134.0460, 26.5993, -85.1093

Trichromacy



Original Color

140.8270, 35.5813, -72.6393

Protanomaly

151.1910, 27.0208, -33.4935

Deuteranomaly

151.0210, 31.5416, -36.8524

Tritanomaly

136.8770, 29.6406, -80.5761

Monochromacy



Original Color

140.8270, 35.5813, -72.6393

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.8640, 12.8850, -26.1907

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8270, 35.5813, -72.6393 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(58, 169, 213)` looks like.

```
.text, #text, p{  
    color:rgb(58, 169, 213)  
}
```

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(58, 169, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 169, 213) }
```

Border

The CSS property to change the border of an element to YUV 140.8270, 35.5813, -72.6393 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(58, 169, 213) }
```


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

```
.border{ border-color:rgb(58, 169, 213) }
```

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

Here you see how a box with a 4 pixel rgb(58, 169, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 169, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 169, 213);  
box-shadow:4px 4px 4px 4px rgb(58, 169,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 140.8270, 35.5813, -72.6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 169, 213) }
```

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

```
.background{ background-color: rgb(58, 169,  
213) }
```

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