

Converting Colors

YUV(154.6840, 22.3408,
-72.5139)

Have a look what the booklet for
YUV(154.6840, 22.3408, -72.5139)
contains.

YUV(154.6840, 22.3408, -72.5139)	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(154.6840, 22.3408,
-72.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	48BCC8
RGB	72, 188, 200
RGB Percent	28%, 74%, 78%
CMY	0.7176, 0.2627, 0.2157
CMYK	0.64, 0.06, 0.00, 0.22
HSL	186°, 54%, 53%
HSV	186°, 64%, 78%
XYZ	31.0810, 41.5143, 61.0185
YIQ	154.6840, -72.9880, -20.8600

Conversions

Conversions Part 2

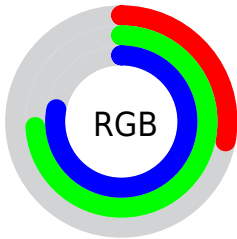
Format	Color
RYB	72, 133, 200
Decimal	4766920
CIELab	70.53, -28.52, -15.69
CIELCh	71, 32.554, 208.821
Yxy	41.5143, 0.2326, 0.3107
Android (android.graphics.Color)	4282957000 (0xFF48BCC8)
YUV	154.6840, 22.3408, -72.5139
Hunter-Lab	64.4316, -26.6490, -11.0472

Details

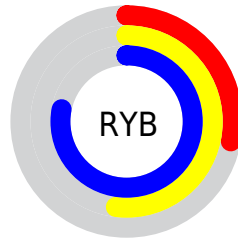
The YUV color **154.6840, 22.3408, -72.5139** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **117.3160, -22.3408, 72.5139**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9510, 20.7302, -69.2400**, and **95.3020, 24.9941, -83.5799** is the 20% darker color. If you saturate the color by 10%, you get **147.5300, 25.8677, -83.7798**, and if you desaturate by 10%, it is **161.8380, 18.8139, -61.2479**.

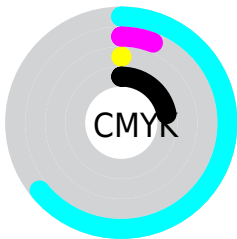
Distribution



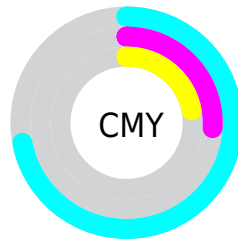
- Red (28%)
- Green (74%)
- Blue (78%)



- Red (28%)
- Yellow (52%)
- Blue (78%)



- Cyan (64%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (72%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.6840, 22.3408, -72.5139 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 154.6840, 22.3408, -72.5139 by changing the saturation by 10% instead.

■ 154.6840, 22.3408,
-72.5139

■ 154.6840, 22.3408,
-72.5139

255.0000, 0.0000,
0.0000

■ 123.7970, 24.2571,
-80.5060

■ 212.9510, 20.7302,
-69.2400

■ 95.3020, 24.9941,
-83.5799

■ 227.7910, 13.4140,
-55.9447

■ 77.6630, 20.8721,
-68.1105

■ 236.7610, 8.9918,
-37.5014

■ 60.2520, 17.6238,
-52.8410

■ 245.7310, 4.5696,
-19.0581

■ 43.4280, 14.0860,
-38.0864

254.7010, 0.1474,
-0.6148

■ 27.8920, 10.4062,
-24.4613

■ 6.2410, 11.2202,

-5.4734

■ 0.0000, 0.0000,
0.0000

■ 154.6840, 22.3408,
-72.5139

■ 154.6840, 22.3408,
-72.5139

■ 147.5300, 25.8677,
-83.7798

■ 161.8380, 18.8139,
-61.2479

■ 140.3760, 29.3946,
-95.0458

■ 168.9920, 15.2869,
-49.9820

■ 133.2220, 32.9216,
-106.3117

■ 176.1460, 11.7600,
-38.7160

■ 129.0470, 34.9798,
-113.1742

■ 183.3000, 8.2331,
-27.4501

■ 189.8670, 4.9956,
-15.6694

■ 197.0210, 1.4686,
-4.4034

■ 204.1750, -2.0583,
6.8625

■ 211.3290, -5.5852,
18.1285

■ 218.4830, -9.1121,
29.3944

Harmonies

Analogous

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



158.4290, 5.7045, -56.5042



154.6840, 22.3408, -72.5139



159.6280, 30.7494, -62.8178

Triad

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



154.6840, 22.3408, -72.5139



176.7320, 13.4431, 28.2990



170.6780, -28.4353, 20.4534

Complementary

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



154.6840, 22.3408, -72.5139



117.3160, -22.3408, 72.5139

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.



173.1240, -24.7111, 39.3563



154.6840, 22.3408, -72.5139



176.1720, -0.5778, 45.4532

Square

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



154.6840, 22.3408, -72.5139



174.7160, 24.2970, 0.2491



174.8230, -14.7027, 49.2672



167.4900, -23.4126, -3.9377

Rectangle

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



154.6840, 22.3408, -72.5139



165.9770, 31.5633, -43.8298



174.8230, -14.7027, 49.2672



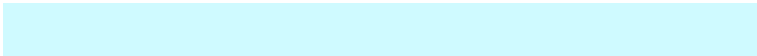
171.8360, -28.0201, 27.3308

Sweetspot

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



154.6840, 22.3408, -72.5139



237.7130, 8.5225, -26.9353



148.3900, -32.2373, -66.9940



117.2690, 5.2904, -16.8989



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.



154.6840, 22.3408, -72.5139



185.8300, 34.1008, -111.2299



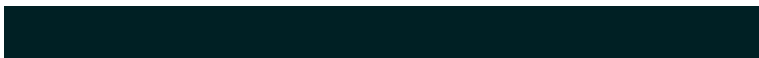
117.7030, 40.5724, -40.0815



96.3090, 1.3267, -5.5330



105.4580, 28.3682, -92.4867



22.8880, 6.4642, -20.0728

Inverse Universe

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



123.4960, 31.8005, 67.0940



137.8960, 48.8583, 102.7002



154.2970, -40.5724, 40.0815



93.7170, 2.6045, 4.6332



65.6090, 40.6188, 85.4119



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 154.6840, 22.3408, -72.5139 looks on a white background.

Color Contrast Check

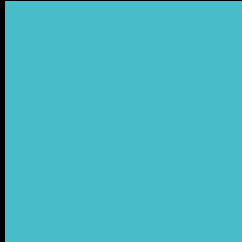
Large Text (above 18pt) WCAG AA × Fail

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 154.6840, 22.3408, -72.5139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

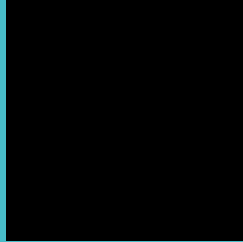
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.6840, 22.3408, -72.5139

Background



This preview shows how black text looks on a background with the YUV color 154.6840, 22.3408, -72.5139.



This preview shows how white text looks on a background with the YUV color 154.6840, 22.3408, -72.5139.

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

154.6840, 22.3408, -72.5139

Protanopia

171.8670, 8.4466, -2.5144

Deuteranopia

172.8270, 15.8613, -0.7253



Tritanopia

155.3250, 23.5038, -72.1990

Trichromacy



Original Color

154.6840, 22.3408, -72.5139

Protanomaly

165.9670, 13.3273, -28.0351

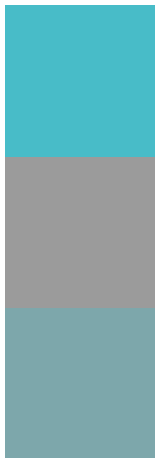
Deuteranomaly

166.5310, 17.9792, -26.7757

Tritanomaly

155.2110, 23.0670, -72.0990

Monochromacy



Original Color

154.6840, 22.3408, -72.5139

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8980, 7.9383, -26.2205

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.6840, 22.3408, -72.5139 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(72, 188, 200)` looks like.

```
.text, #text, p{  
    color:rgb(72, 188, 200)  
}
```

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(72, 188, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 188, 200) }
```

Border

The CSS property to change the border of an element to YUV 154.6840, 22.3408, -72.5139 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(72, 188, 200) }
```


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

```
.border{ border-color:rgb(72, 188, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 188, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 188, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 188, 200);  
box-shadow:4px 4px 4px 4px rgb(72, 188,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 154.6840, 22.3408, -72.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 188, 200) }
```

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

```
.background{ background-color: rgb(72, 188,  
200) }
```

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