

Converting Colors

YUV(133.8150, 40.5172,
-69.1208)

Have a look what the booklet for
YUV(133.8150, 40.5172, -69.1208)
contains.

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Color

**YUV(133.8150, 40.5172,
-69.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	379ED8
RGB	55, 158, 216
RGB Percent	22%, 62%, 85%
CMY	0.7843, 0.3804, 0.1529
CMYK	0.75, 0.27, 0.00, 0.15
HSL	202°, 67%, 53%
HSV	202°, 75%, 85%
XYZ	26.1971, 30.2238, 69.4188
YIQ	133.8150, -80.0060, -3.7980

Conversions

Conversions Part 2

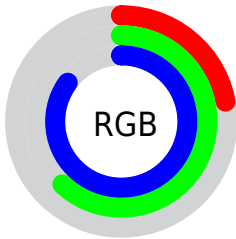
Format	Color
R _Y B	55, 118, 216
Decimal	3645144
CIE Lab	61.85, -10.15, -37.92
CIE LCh	62, 39.252, 255.008
Yxy	30.2238, 0.2082, 0.2402
Android (android.graphics.Color)	4281835224 (0xFF379ED8)
YUV	133.8150, 40.5172, -69.1208
Hunter-Lab	54.9762, -11.1501, -36.3825

Details

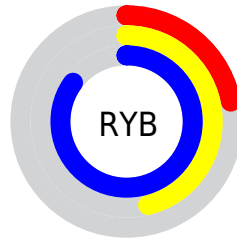
The YUV color **133.8150, 40.5172, -69.1208** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **137.1850, -40.5172, 69.1208**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.2910, 31.9015, -59.0142**, and **81.1630, 39.3596, -71.1800** is the 20% darker color. If you saturate the color by 10%, you get **122.5410, 46.0753, -78.5275**, and if you desaturate by 10%, it is **145.0890, 34.9591, -59.7141**.

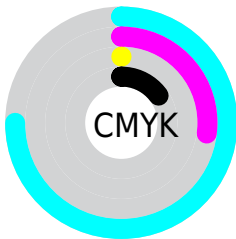
Distribution



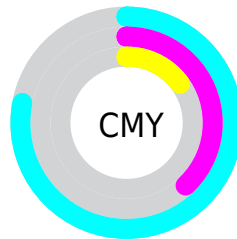
- Red (22%)
- Green (62%)
- Blue (85%)



- Red (22%)
- Yellow (46%)
- Blue (85%)



- Cyan (75%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)



- Cyan (78%)
- Magenta (38%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8150, 40.5172, -69.1208 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 133.8150, 40.5172, -69.1208 by changing the saturation by 10% instead.

■ 133.8150, 40.5172,
-69.1208

■ 133.8150, 40.5172,
-69.1208

■ 255.0000, 0.0000,
0.0000

■ 98.9160, 43.9184,
-86.7493

■ 190.2910, 31.9015,
-59.0142

■ 81.1630, 39.3596,
-71.1800

■ 216.2840, 19.0870,
-55.5001

■ 63.9970, 34.5115,
-56.1254

■ 233.7710, 10.4659,
-43.6492

■ 47.6460, 30.2475,
-41.7855

■ 242.7410, 6.0437,
-25.2059

■ 31.8820, 25.6942,
-27.9605

■ 251.7110, 1.6215,
-6.7625

■ 16.9330, 21.7250,
-14.8502

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 133.8150, 40.5172,
-69.1208

■ 133.8150, 40.5172,
-69.1208

■ 122.5410, 46.0753,
-78.5275

■ 145.0890, 34.9591,
-59.7141

■ 111.5660, 51.4860,
-87.3194

■ 156.0640, 29.5484,
-50.9221

■ 105.6300, 54.4124,
-92.6375

■ 166.7510, 24.2798,
-41.0006

■ 177.7260, 18.8691,
-32.2087

■ 189.0000, 13.3110,
-22.8020

■ 200.2740, 7.7529,
-13.3953

■ 210.6620, 2.6316,
-4.0886

■ 221.9360, -2.9264,
5.3181

■ 232.9110, -8.3371,
14.1101

Harmonies

Analogous

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



119.4270, 38.7365, -104.7375



133.8150, 40.5172, -69.1208



148.5870, 33.2346, -19.8088

Triad

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



133.8150, 40.5172, -69.1208



151.3600, -9.0515, 56.6893



140.7650, -20.5901, -22.5959

Complementary

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



133.8150, 40.5172, -69.1208



137.1850, -40.5172, 69.1208

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.



145.0910, -31.5969, 7.8132



133.8150, 40.5172, -69.1208



149.8420, -23.5861, 51.8816

Square

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



133.8150, 40.5172, -69.1208



153.5340, 7.1317, 46.0127



147.7290, -32.4044, 33.5637



132.2950, -1.1314, -57.2637

Rectangle

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



133.8150, 40.5172, -69.1208



152.6290, 26.3119, 7.3414



147.7290, -32.4044, 33.5637



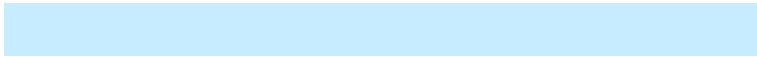
142.2780, -25.2801, -11.6448

Sweetspot

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



133.8150, 40.5172, -69.1208



226.5160, 14.0426, -24.1315



155.8910, -22.1313, -88.4814



110.7900, 8.4845, -14.7248



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.



133.8150, 40.5172, -69.1208



138.9930, 57.1915, -97.3409



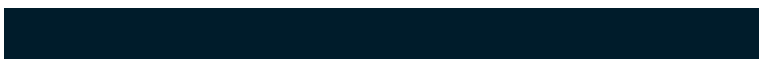
87.4420, 63.3791, -28.4516



101.3630, 2.7790, -4.7034



83.4770, 43.1488, -73.2093



21.3380, 10.6794, -18.7134

Inverse Universe

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



114.8810, 21.2577, 88.6814



112.4030, 29.8743, 125.0576



183.5580, -63.3791, 28.4516



100.0870, 1.4361, 6.0627



63.5550, 22.4044, 94.2293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 133.8150, 40.5172, -69.1208 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 133.8150, 40.5172, -69.1208 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 133.8150, 40.5172, -69.1208

Background



This preview shows how black text looks on a background with the YUV color 133.8150, 40.5172, -69.1208.



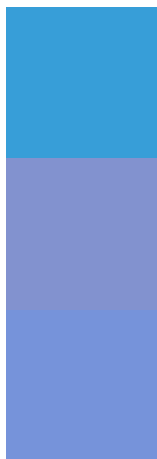
This preview shows how white text looks on a background with the YUV color 133.8150, 40.5172, -69.1208.

-69.1208.

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

133.8150, 40.5172, -69.1208

Protanopia

148.1700, 29.0032, -15.9351

Deuteranopia

146.4230, 35.2875, -24.9270



Tritanopia

117.1470, 30.0005, -102.7379

Trichromacy



Original Color

133.8150, 40.5172, -69.1208

Protanomaly

142.7870, 33.1360, -34.8932

Deuteranomaly

141.7800, 37.0835, -41.0261

Tritanomaly

122.9620, 34.0357, -90.2977

Monochromacy



Original Color

133.8150, 40.5172, -69.1208

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.0320, 14.7742, -25.4611

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8150, 40.5172, -69.1208 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(55, 158, 216)` looks like.

```
.text, #text, p{  
    color:rgb(55, 158, 216)  
}
```

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(55, 158, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 158, 216) }
```

Border

The CSS property to change the border of an element to YUV 133.8150, 40.5172, -69.1208 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(55, 158, 216) }
```


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

```
.border{ border-color:rgb(55, 158, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 158, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 158, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 158, 216);  
box-shadow:4px 4px 4px 4px rgb(55, 158,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 133.8150, 40.5172, -69.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 158, 216) }
```

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

```
.background{ background-color: rgb(55, 158,  
216) }
```

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](#).

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