

Converting Colors

YUV(141.7140, 13.4520,
-68.1552)

Have a look what the booklet for
YUV(141.7140, 13.4520, -68.1552)
contains.

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Color

**YUV(141.7140, 13.4520,
-68.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	40B0A9
RGB	64, 176, 169
RGB Percent	25%, 69%, 66%
CMY	0.7490, 0.3098, 0.3373
CMYK	0.64, 0.00, 0.04, 0.31
HSL	176°, 47%, 47%
HSV	176°, 64%, 69%
XYZ	24.8011, 35.0052, 42.9856
YIQ	141.7140, -64.5050, -25.9210

Conversions

Conversions Part 2

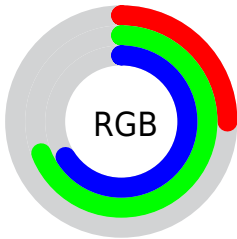
Format	Color
RYB	64, 122, 176
Decimal	4239529
CIELab	65.75, -32.88, -5.77
CIElCh	66, 33.377, 189.947
Yxy	35.0052, 0.2413, 0.3405
Android (android.graphics.Color)	4282429609 (0xFF40B0A9)
YUV	141.7140, 13.4520, -68.1552
Hunter-Lab	59.1652, -28.7148, -1.6607

Details

The YUV color **141.7140, 13.4520, -68.1552** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **98.2860, -13.4520, 68.1552**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0950, 12.2782, -64.9813**, and **85.5390, 15.5103, -75.0177** is the 20% darker color. If you saturate the color by 10%, you get **136.2180, 15.6685, -79.1212**, and if you desaturate by 10%, it is **147.2100, 11.2355, -57.1892**.

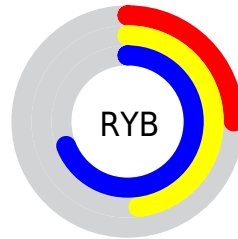
Distribution



Red (25%)

Green (69%)

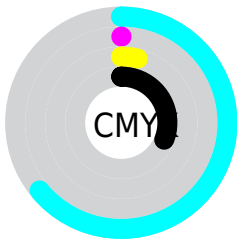
Blue (66%)



Red (25%)

Yellow (48%)

Blue (69%)

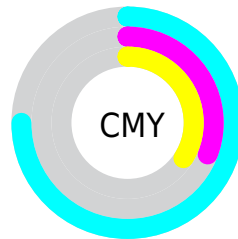


Cyan (64%)

Magenta (0%)

Yellow (4%)

Black (31%)



Cyan (75%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.7140, 13.4520, -68.1552 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 141.7140, 13.4520, -68.1552 by changing the saturation by 10% instead.

■ 141.7140, 13.4520,
-68.1552

■ 141.7140, 13.4520,
-68.1552

■ 255.0000, 0.0000,
0.0000

■ 110.9410, 15.8051,
-76.2473

■ 199.0950, 12.2782,
-64.9813

■ 85.5390, 15.5103,
-75.0177

■ 224.5730, 14.0145,
-61.8925

■ 67.4270, 12.1145,
-59.1335

■ 233.4720, 10.6133,
-44.2639

■ 50.7170, 9.0135,
-44.4788

■ 242.4420, 6.1911,
-25.8206

■ 34.7080, 6.0600,
-30.4389

■ 251.4120, 1.7689,
-7.3773

■ 19.9870, 2.9644,
-17.5286

■ 0.0000, 0.0000,

0.0000

■ 141.7140, 13.4520,
-68.1552

■ 141.7140, 13.4520,
-68.1552

■ 136.2180, 15.6685,
-79.1212

■ 147.2100, 11.2355,
-57.1892

■ 131.0210, 17.7376,
-89.4724

■ 152.4070, 9.1663,
-46.8379

■ 125.5250, 19.9542,
-100.4384

■ 157.9030, 6.9498,
-35.8719

■ 122.1220, 21.1389,
-107.1010

■ 163.1000, 4.8807,
-25.5207

■ 168.7100, 3.1010,
-14.6547

■ 174.2060, 0.8844,
-3.6887

■ 179.4030, -1.1847,
6.6626

■ 184.8990, -3.4012,
17.6286

■ 190.0960, -5.4703,
27.9798

Harmonies

Analogous

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



148.0690, -4.9640, -41.2795



141.7140, 13.4520, -68.1552



139.2470, 28.4722, -79.1466

Triad

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



141.7140, 13.4520, -68.1552



162.9840, 21.2069, 11.4150



159.3960, -27.3102, 32.9787

Complementary

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



141.7140, 13.4520, -68.1552



98.2860, -13.4520, 68.1552

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.



161.6610, -19.0599, 46.7783



141.7140, 13.4520, -68.1552



164.4080, 8.1799, 36.4762

Square

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



141.7140, 13.4520, -68.1552



158.2510, 29.4563, -21.2681



162.8150, -5.8248, 48.3972



156.7370, -27.9713, 11.6317

Rectangle

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



141.7140, 13.4520, -68.1552



145.3610, 32.3600, -66.0916



162.8150, -5.8248, 48.3972



160.2980, -25.2899, 38.3267

Sweetspot

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



141.7140, 13.4520, -68.1552



216.5020, 5.1755, -26.7503



131.8370, -33.4436, -53.3540



106.6990, 3.1064, -16.3990



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



141.7140, 13.4520, -68.1552



176.4210, 20.9914, -106.4862



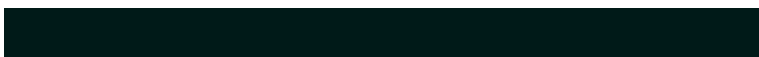
113.7490, 30.6897, -43.6299



86.3090, 1.3267, -5.5330



106.1130, 18.1853, -93.0611



17.9980, 2.9590, -15.7842

Inverse Universe

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



98.2860, -13.4520, 68.1552



108.5790, -20.9914, 106.4862



126.2510, -30.6897, 43.6299



82.8050, -0.8899, 5.4330



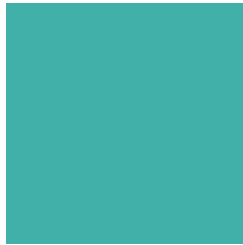
46.8870, -18.1853, 93.0611



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 141.7140, 13.4520, -68.1552 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 141.7140, 13.4520, -68.1552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

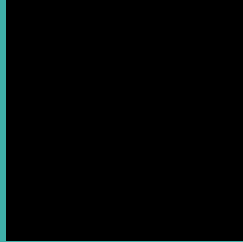
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

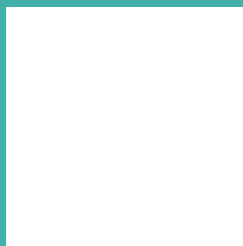
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 141.7140, 13.4520, -68.1552

Background



This preview shows how black text looks on a background with the YUV color 141.7140, 13.4520, -68.1552.



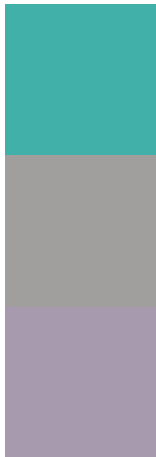
This preview shows how white text looks on a background with the YUV color 141.7140, 13.4520, -68.1552.

-68.1552.

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

141.7140, 13.4520, -68.1552

Protanopia

158.8970, -0.4422, 1.8443

Deuteranopia

160.1670, 6.8197, 5.9925



Tritanopia

144.3970, 21.0033, -63.4922

Trichromacy



Original Color

141.7140, 13.4520, -68.1552

Protanomaly

152.9970, 4.4385, -23.6764

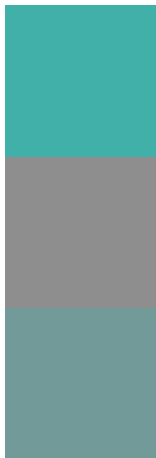
Deuteranomaly

153.5720, 9.0850, -20.6726

Tritanomaly

143.2890, 18.0985, -65.1515

Monochromacy



Original Color

141.7140, 13.4520, -68.1552

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.8120, 5.0227, -24.3911

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.7140, 13.4520, -68.1552 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(64, 176, 169)` looks like.

```
.text, #text, p{  
    color:rgb(64, 176, 169)  
}
```

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(64, 176, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 176, 169) }
```

Border

The CSS property to change the border of an element to YUV 141.7140, 13.4520, -68.1552 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(64, 176, 169) }
```


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

```
.border{ border-color:rgb(64, 176, 169) }
```

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

Here you see how a box with a 4 pixel rgb(64, 176, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 176, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 176, 169);  
box-shadow:4px 4px 4px 4px rgb(64, 176,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 141.7140, 13.4520, -68.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 176, 169) }
```

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

```
.background{ background-color: rgb(64, 176,  
169) }
```

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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