

Converting Colors

YUV(150.2340, -52.3734,
-48.4402)

Have a look what the booklet for
YUV(150.2340, -52.3734, -48.4402)
contains.

YUV(150.2340, -52.3734, -48.4402)	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(150.2340, -52.3734,
-48.4402)**

Conversions

Conversions Part 1

Format	Color
Hex	5FC72C
RGB	95, 199, 44
RGB Percent	37%, 78%, 17%
CMY	0.6275, 0.2196, 0.8275
CMYK	0.52, 0.00, 0.78, 0.22
HSL	100°, 64%, 48%
HSV	100°, 78%, 78%
XYZ	25.5974, 43.4616, 9.4227
YIQ	150.2340, -12.2290, -70.2530

Conversions

Conversions Part 2

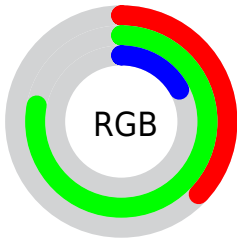
Format	Color
RYB	44, 199, 148
Decimal	6276908
CIELab	71.87, -55.85, 63.03
CIElCh	72, 84.213, 131.542
Yxy	43.4616, 0.3262, 0.5538
Android (android.graphics.Color)	4284466988 (0xFF5FC72C)
YUV	150.2340, -52.3734, -48.4402
Hunter-Lab	65.9254, -46.0619, 37.6735

Details

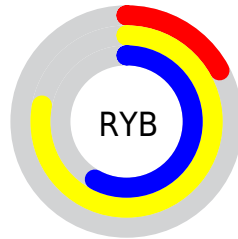
The YUV color **150.2340, -52.3734, -48.4402** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **92.7660, 52.3734, 48.4402**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3590, -51.9420, -46.7958**, and **91.1060, -44.9153, -60.6060** is the 20% darker color. If you saturate the color by 10%, you get **144.0670, -59.1930, -54.4328**, and if you desaturate by 10%, it is **156.4010, -45.5537, -42.4477**.

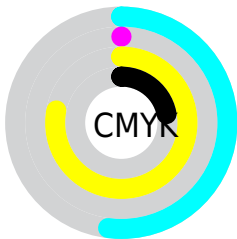
Distribution



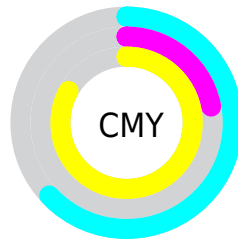
- Red (37%)
- Green (78%)
- Blue (17%)



- Red (17%)
- Yellow (78%)
- Blue (58%)



- Cyan (52%)
- Magenta (0%)
- Yellow (78%)
- Black (22%)



- Cyan (63%)
- Magenta (22%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.2340, -52.3734, -48.4402 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 150.2340, -52.3734, -48.4402 by changing the saturation by 10% instead.

■ 150.2340,
-52.3734, -48.4402

■ 150.2340,
-52.3734, -48.4402

■ 255.0000, 0.0000,
0.0000

■ 119.2140,
-58.7725, -49.2997

■ 207.3590,
-51.9420, -46.7958

■ 91.1060, -44.9153,
-60.6060

■ 219.5210,
-44.1339, -31.1519

■ 69.2660, -34.1481,
-60.7463

■ 231.6830,
-36.3257, -15.5080

■ 54.0040, -26.6240,
-47.3615

■ 243.8450,
-28.5176, 0.1359

■ 39.3290, -19.3892,
-34.4915

■ 250.4400,
-17.4719, 3.9991

■ 26.4150, -13.0226,
-23.1660

■ 253.7460, -4.8048,

■ 7.6310, -3.7621,

1.0998

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 150.2340,
-52.3734, -48.4402

■ 150.2340,
-52.3734, -48.4402

■ 144.0670,
-59.1930, -54.4328

■ 156.4010,
-45.5537, -42.4477

■ 137.6010,
-65.8653, -61.0401

■ 162.8670,
-38.8814, -35.8404

■ 136.2480,
-67.1703, -62.4845

■ 169.0340,
-32.0618, -29.8478

■ 175.2010,
-25.2421, -23.8553

■ 181.6670,
-18.5698, -17.2480

■ 187.7200,
-12.1870, -11.1554

■ 193.8870, -5.3673,
-5.1629

■ 200.3530, 1.3050,
1.4444

■ 206.5200, 8.1246,
7.4370

Harmonies

Analogous

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



161.8500, -79.7921, 19.4256



150.2340, -52.3734, -48.4402



136.2320, -6.0304, -119.4755

Triad

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



150.2340, -52.3734, -48.4402



145.2960, 54.0841, -127.4246



147.3490, 1.3069, 94.4099

Complementary

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



150.2340, -52.3734, -48.4402



92.7660, 52.3734, 48.4402

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.



162.5840, 31.7571, 81.0488



150.2340, -52.3734, -48.4402



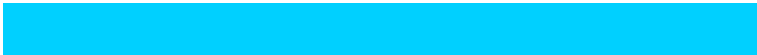
132.3820, 60.4507, -116.0990

Square

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



150.2340, -52.3734, -48.4402



151.1660, 51.1902, -132.5726



176.4210, 38.7394, 34.7108



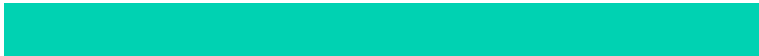
154.8760, -38.3929, 87.8087

Rectangle

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



150.2340, -52.3734, -48.4402



143.5620, 16.9779, -125.9039



176.4210, 38.7394, 34.7108



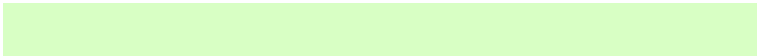
149.1390, 13.2425, 92.8401

Sweetspot

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



150.2340, -52.3734, -48.4402



236.6130, -20.0222, -18.0776



150.8060, -52.6554, 42.2661



116.7200, -12.1870, -11.1554



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.



150.2340, -52.3734, -48.4402



180.4410, -80.0834, -74.0548



137.9490, -33.4989, -82.3933



96.1800, -3.0467, -2.7889



111.8270, -55.1307, -50.7143



24.7200, -12.1870, -11.1554

Inverse Universe

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



92.7660, 52.3734, 48.4402



92.5590, 80.0834, 74.0548



105.0510, 33.4989, 82.3933



92.8200, 3.0467, 2.7889



51.4720, 54.9833, 51.3291



11.2800, 12.1870, 11.1554

Previews

White Background



This preview shows how the YUV color 150.2340, -52.3734, -48.4402 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 150.2340, -52.3734, -48.4402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

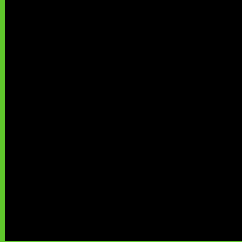
Any Text WCAG AA ✓ Pass

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 150.2340, -52.3734, -48.4402 Background



This preview shows how black text looks on a background with the YUV color 150.2340, -52.3734, -48.4402.



This preview shows how white text looks on a background with the YUV color 150.2340, -52.3734, -48.4402.

-48.4402.

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

150.2340, -52.3734, -48.4402

Protanopia

165.9600, -63.0843, 27.2221

Deuteranopia

169.6490, -54.5500, 43.2808



Tritanopia

167.8730, 15.8386, -40.2306

Trichromacy



Original Color

150.2340, -52.3734, -48.4402

Protanomaly

160.4080, -59.3611, -0.3578

Deuteranomaly

162.6680, -53.5733, 9.9382

Tritanomaly

161.3200, -9.0318, -43.2536

Monochromacy



Original Color

150.2340, -52.3734, -48.4402

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.1400, -19.2960, -17.6628

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.2340, -52.3734, -48.4402 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(95, 199, 44)` looks like.

```
.text, #text, p{  
    color:rgb(95, 199, 44)  
}
```

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(95, 199, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 199, 44) }
```

Border

The CSS property to change the border of an element to YUV 150.2340, -52.3734, -48.4402 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(95, 199, 44) }
```


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

```
.border{ border-color:rgb(95, 199, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 199, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 199, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 199, 44);  
box-shadow:4px 4px 4px 4px rgb(95, 199,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 150.2340, -52.3734, -48.4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 199, 44) }
```

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

```
.background{ background-color: rgb(95, 199,  
44) }
```

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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