

Converting Colors

YUV(152.0950, -38.0078,
-36.0403)

Have a look what the booklet for
YUV(152.0950, -38.0078, -36.0403)
contains.

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Color

**YUV(152.0950, -38.0078,
-36.0403)**

Conversions

Conversions Part 1

Format	Color
Hex	6FBC4B
RGB	111, 188, 75
RGB Percent	44%, 74%, 29%
CMY	0.5647, 0.2627, 0.7059
CMYK	0.41, 0.00, 0.60, 0.26
HSL	101°, 46%, 52%
HSV	101°, 60%, 74%
XYZ	25.8088, 39.8539, 12.9889
YIQ	152.0950, -9.6190, -51.4670

Conversions

Conversions Part 2

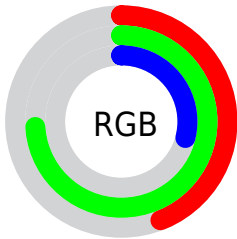
Format	Color
RYB	75, 188, 152
Decimal	7322699
CIELab	69.37, -44.18, 48.73
CIELCh	69, 65.772, 132.196
Yxy	39.8539, 0.3281, 0.5067
Android (android.graphics.Color)	4285512779 (0xFF6FBC4B)
YUV	152.0950, -38.0078, -36.0403
Hunter-Lab	63.1300, -37.5032, 31.9921

Details

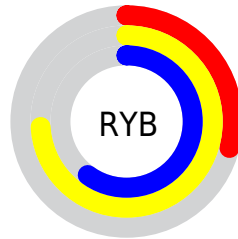
The YUV color **152.0950, -38.0078, -36.0403** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **110.9050, 38.0078, 36.0403**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.3400, -39.6076, -36.2552**, and **97.3830, -38.1498, -37.1699** is the 20% darker color. If you saturate the color by 10%, you get **146.0420, -44.3907, -42.1328**, and if you desaturate by 10%, it is **158.1480, -31.6250, -29.9478**.

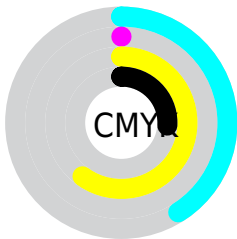
Distribution



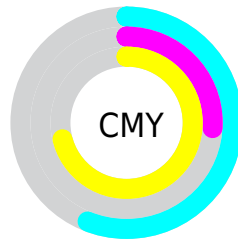
- Red (44%)
- Green (74%)
- Blue (29%)



- Red (29%)
- Yellow (74%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (60%)
- Black (26%)



- Cyan (56%)
- Magenta (26%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.0950, -38.0078, -36.0403 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 152.0950, -38.0078, -36.0403 by changing the saturation by 10% instead.

■ 152.0950,
-38.0078, -36.0403

■ 152.0950,
-38.0078, -36.0403

■ 255.0000, 0.0000,
0.0000

■ 124.9100,
-37.4236, -36.7551

■ 208.3400,
-39.6076, -36.2552

■ 97.3830, -38.1498,
-37.1699

■ 225.9590,
-34.9828, -26.2740

■ 69.3760, -34.2024,
-43.3028

■ 237.7080,
-27.4640, -11.1449

■ 48.7210, -24.0195,
-42.7283

■ 249.6850,
-19.0717, 3.7843

■ 34.6330, -17.0741,
-30.3731

■ 253.1760, -6.9888,
1.5996

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,

0.0000

■ 152.0950,
-38.0078, -36.0403

■ 152.0950,
-38.0078, -36.0403

■ 146.0420,
-44.3907, -42.1328

■ 158.1480,
-31.6250, -29.9478

■ 139.9890,
-50.7736, -48.2254

■ 164.2010,
-25.2421, -23.8553

■ 134.3490,
-56.8671, -53.8031

■ 169.8410,
-19.1486, -18.2776

■ 128.2960,
-63.2499, -59.8956

■ 175.8940,
-12.7657, -12.1850

■ 181.9470, -6.3829,
-6.0925

■ 188.0000, 0.0000,
0.0000

■ 194.0530, 6.3829,
6.0925

■ 199.6930, 12.4764,
11.6702

■ 205.7460, 18.8592,
17.7628

Harmonies

Analogous

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



159.3930, -59.8467, 15.4413



152.0950, -38.0078, -36.0403



129.9860, 0.4999, -113.9977

Triad

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



152.0950, -38.0078, -36.0403



138.2520, 57.5568, -121.2470



159.3340, -6.0807, 83.8991

Complementary

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



152.0950, -38.0078, -36.0403



110.9050, 38.0078, 36.0403

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.



169.6960, 18.3909, 74.8116



152.0950, -38.0078, -36.0403



156.3900, 48.6147, -52.9620

Square

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



152.0950, -38.0078, -36.0403



142.7370, 51.8947, -125.1803



174.0070, 39.9295, 26.3039



162.4560, -34.7348, 81.1611

Rectangle

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



152.0950, -38.0078, -36.0403



135.8340, 17.8298, -119.1264



174.0070, 39.9295, 26.3039



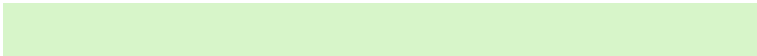
161.6140, 2.6553, 81.8995

Sweetspot

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



152.0950, -38.0078, -36.0403



231.0140, -14.7969, -14.0443



152.8120, -38.3613, 30.8599



113.5400, -9.1402, -8.3666



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



152.0950, -38.0078, -36.0403



189.0560, -59.1876, -56.1771



143.4970, -24.4020, -60.0719



91.1800, -3.0467, -2.7889



107.6960, -53.0941, -50.5994



21.1870, -10.4452, -9.8110

Inverse Universe

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



110.9050, 38.0078, 36.0403



124.9440, 59.1876, 56.1771



119.5030, 24.4020, 60.0719



87.8200, 3.0467, 2.7889



50.3040, 53.0941, 50.5994



9.8130, 10.4452, 9.8110

Previews

White Background



This preview shows how the YUV color 152.0950, -38.0078, -36.0403 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 152.0950, -38.0078, -36.0403 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 152.0950, -38.0078, -36.0403 Background



This preview shows how black text looks on a background with the YUV color 152.0950, -38.0078, -36.0403.



This preview shows how white text looks on a background with the YUV color 152.0950, -38.0078, -36.0403.

-36.0403.

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

152.0950, -38.0078, -36.0403

Protanopia

163.2810, -46.4805, 21.6786

Deuteranopia

165.2750, -40.5616, 36.5928



Tritanopia

163.8420, 12.8959, -29.6794

Trichromacy



Original Color

152.0950, -38.0078, -36.0403

Protanomaly

159.2460, -43.5053, 0.6613

Deuteranomaly

160.3380, -39.6066, 10.2276

Tritanomaly

159.3090, -5.5753, -31.8430

Monochromacy



Original Color

152.0950, -38.0078, -36.0403

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.9540, -13.7813, -13.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.0950, -38.0078, -36.0403 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(111, 188, 75)` looks like.

```
.text, #text, p{  
    color:rgb(111, 188, 75)  
}
```

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(111, 188, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 188, 75) }
```

Border

The CSS property to change the border of an element to YUV 152.0950, -38.0078, -36.0403 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(111, 188, 75) }
```


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

```
.border{ border-color:rgb(111, 188, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 188, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 188, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 188, 75);  
box-shadow:4px 4px 4px 4px rgb(111, 188,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 152.0950, -38.0078, -36.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 188, 75) }
```

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

```
.background{ background-color: rgb(111,  
188, 75) }
```

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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