

Converting Colors

YUV(152.0170, -16.2774,
-52.6349)

Have a look what the booklet for
YUV(152.0170, -16.2774, -52.6349)
contains.

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Color

**YUV(152.0170, -16.2774,
-52.6349)**

Conversions

Conversions Part 1

Format	Color
Hex	5CBD77
RGB	92, 189, 119
RGB Percent	36%, 74%, 47%
CMY	0.6392, 0.2588, 0.5333
CMYK	0.51, 0.00, 0.37, 0.26
HSL	137°, 42%, 55%
HSV	137°, 51%, 74%
XYZ	25.9410, 40.0024, 23.8068
YIQ	152.0170, -35.3420, -42.3340

Conversions

Conversions Part 2

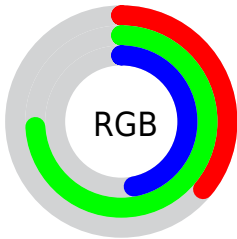
Format	Color
RYB	92, 168, 189
Decimal	6077815
CIELab	69.47, -44.08, 26.88
CIELCh	69, 51.628, 148.629
Yxy	40.0024, 0.2890, 0.4457
Android (android.graphics.Color)	4284267895 (0xFF5CBD77)
YUV	152.0170, -16.2774, -52.6349
Hunter-Lab	63.2475, -37.4711, 21.9561

Details

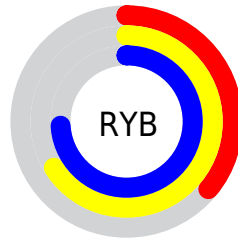
The YUV color **152.0170, -16.2774, -52.6349** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **128.9830, 16.2774, 52.6349**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.2620, -17.8772, -52.8498**, and **96.1950, -12.9141, -58.0530** is the 20% darker color. If you saturate the color by 10%, you get **144.7400, -19.5918, -62.9160**, and if you desaturate by 10%, it is **159.2940, -12.9629, -42.3538**.

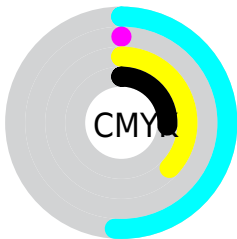
Distribution



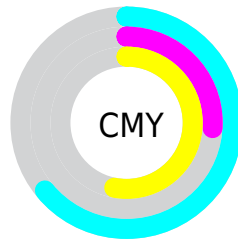
- Red (36%)
- Green (74%)
- Blue (47%)



- Red (36%)
- Yellow (66%)
- Blue (74%)



- Cyan (51%)
- Magenta (0%)
- Yellow (37%)
- Black (26%)



- Cyan (64%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.0170, -16.2774, -52.6349 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 152.0170, -16.2774, -52.6349 by changing the saturation by 10% instead.

■ 152.0170,
-16.2774, -52.6349

■ 152.0170,
-16.2774, -52.6349

■ 255.0000, 0.0000,
0.0000

■ 124.6470,
-15.1090, -54.0644

■ 208.2620,
-17.8772, -52.8498

■ 96.1950, -12.9141,
-58.0530

■ 225.2940,
-12.9629, -42.3538

■ 69.2270, -11.4509,
-60.7121

■ 236.9720, -4.4232,
-28.0394

■ 52.0440, -13.8257,
-45.6426

■ 249.0200, 2.9481,
-12.2955

■ 34.6330, -17.0741,
-30.3731

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,

0.0000

■ 152.0170,
-16.2774, -52.6349

■ 152.0170,
-16.2774, -52.6349

■ 144.7400,
-19.5918, -62.9160

■ 159.2940,
-12.9629, -42.3538

■ 137.5770,
-22.4695, -73.2970

■ 166.4570,
-10.0853, -31.9728

■ 130.3000,
-25.7839, -83.5781

■ 173.7340, -6.7709,
-21.6917

■ 123.0230,
-29.0983, -93.8592

■ 181.0110, -3.4564,
-11.4106

■ 116.9850,
-31.5446, -102.5958

■ 188.1740, -0.5788,
-1.0296

■ 195.1520, 2.8831,
8.6367

■ 202.3150, 5.7607,
19.0177

■ 209.5920, 9.0751,
29.2988

■ 214.7760, 13.4214,
35.2764

Harmonies

Analogous

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



160.6840, -37.8052, -7.6159



152.0170, -16.2774, -52.6349



132.2150, 16.6560, -115.9526

Triad

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



152.0170, -16.2774, -52.6349



154.2200, 49.6845, -69.4759



169.3810, -20.8938, 75.0879

Complementary

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



152.0170, -16.2774, -52.6349



128.9830, 16.2774, 52.6349

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.



172.0920, 0.9406, 71.8333



152.0170, -16.2774, -52.6349



172.0050, 39.4375, -2.6354

Square

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



152.0170, -16.2774, -52.6349



138.1550, 54.6466, -121.1619



174.4210, 21.9774, 44.3578



167.9880, -38.4481, 58.7695

Rectangle

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



152.0170, -16.2774, -52.6349



135.8630, 30.6335, -119.1519



174.4210, 21.9774, 44.3578



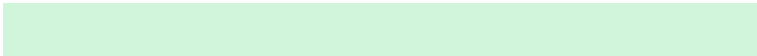
169.3300, -13.4737, 75.1326

Sweetspot

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



152.0170, -16.2774, -52.6349



230.8590, -6.3395, -20.0473



170.1680, -38.5368, -6.2863



113.7120, -3.3090, -12.0254



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.



152.0170, -16.2774, -52.6349



187.0120, -25.6419, -82.4485



157.3750, 4.2521, -57.3339



90.6250, -1.2941, -4.9331



97.7620, -26.5047, -85.7373



19.2230, -5.0399, -16.8586

Inverse Universe

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



128.9830, 16.2774, 52.6349



150.9880, 25.6419, 82.4485



123.6250, -4.2521, 57.3339



88.4890, 1.7309, 4.8331



60.2380, 26.5047, 85.7373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 152.0170, -16.2774, -52.6349 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 152.0170, -16.2774, -52.6349 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 152.0170, -16.2774, -52.6349 Background



This preview shows how black text looks on a background with the YUV color 152.0170, -16.2774, -52.6349.



This preview shows how white text looks on a background with the YUV color 152.0170, -16.2774, -52.6349.

-52.6349.

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

152.0170, -16.2774, -52.6349

Protanopia

166.5740, -27.3980, 14.4056

Deuteranopia

168.8450, -21.6156, 26.4459



Tritanopia

160.9650, 16.2863, -43.8193

Trichromacy



Original Color

152.0170, -16.2774, -52.6349

Protanomaly

161.1580, -23.2489, -9.7856

Deuteranomaly

162.8260, -19.6342, -2.4784

Tritanomaly

157.5550, 4.6564, -46.9677

Monochromacy



Original Color

152.0170, -16.2774, -52.6349

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.6850, -5.7607, -19.0177

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.0170, -16.2774, -52.6349 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(92, 189, 119)` looks like.

```
.text, #text, p{  
    color:rgb(92, 189, 119)  
}
```

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(92, 189, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 189, 119) }
```

Border

The CSS property to change the border of an element to YUV 152.0170, -16.2774, -52.6349 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(92, 189, 119) }
```


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

```
.border{ border-color:rgb(92, 189, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 189, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 189, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 189, 119);  
box-shadow:4px 4px 4px 4px rgb(92, 189,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 152.0170, -16.2774, -52.6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 189, 119) }
```

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

```
.background{ background-color: rgb(92, 189,  
119) }
```

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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