

# Converting Colors

YUV(152.2090, 40.3230,  
40.1587)

Have a look what the booklet for  
YUV(152.2090, 40.3230, 40.1587)  
contains.

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# Color

**YUV(152.2090, 40.3230,  
40.1587)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C671EA
RGB	198, 113, 234
RGB Percent	78%, 44%, 92%
CMY	0.2235, 0.5569, 0.0824
CMYK	0.15, 0.52, 0.00, 0.08
HSL	282°, 74%, 68%
HSV	282°, 52%, 92%
XYZ	44.0451, 29.7565, 81.2641
YIQ	152.2090, 11.8190, 55.6510

# Conversions

## Conversions Part 2

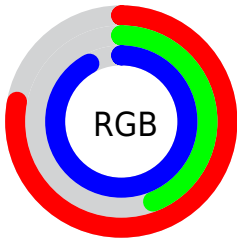
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	198, 113, 234
Decimal	13005290
CIE <sub>Lab</sub>	61.44, 53.11, -47.89
CIE <sub>LCh</sub>	61, 71.517, 317.959
Yxy	29.7565, 0.2840, 0.1919
Android (android.graphics.Color)	4291195370 (0xFFC671EA)
YUV	152.2090, 40.3230, 40.1587
Hunter-Lab	54.5496, 48.6651, -50.1414

# Details

The YUV color **152.2090, 40.3230, 40.1587** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **194.7910, -40.3230, -40.1587**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3440, 25.4664, 45.3023**, and **97.6710, 39.6022, 37.9995** is the 20% darker color. If you saturate the color by 10%, you get **136.6150, 48.0108, 47.6956**, and if you desaturate by 10%, it is **167.8030, 32.6351, 32.6218**.

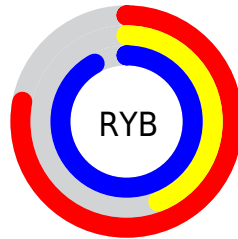
# Distribution



Red (78%)

Green (44%)

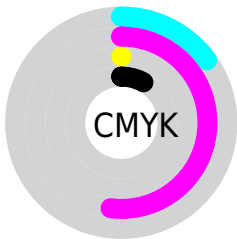
Blue (92%)



Red (78%)

Yellow (44%)

Blue (92%)

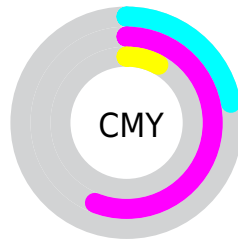


Cyan (15%)

Magenta (52%)

Yellow (0%)

Black (8%)



Cyan (22%)

Magenta (56%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.2090, 40.3230, 40.1587 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 152.2090, 40.3230, 40.1587 by changing the saturation by 10% instead.



152.2090, 40.3230,  
40.1587

152.2090, 40.3230,  
40.1587

255.0000, 0.0000,  
0.0000

124.9700, 39.4548,  
38.6143

203.3440, 25.4664,  
45.3023

97.6710, 39.6022,  
37.9995

219.7800, 17.3635,  
30.8879

69.9700, 39.4548,  
38.6143

236.8030, 8.9711,  
15.9588

40.1490, 41.3385,  
41.0883

253.8260, 0.5788,  
1.0296

29.2260, 34.3986,  
26.9888

19.2000, 27.0164,  
14.7336

5.7000, 21.8399,

-4.9989

■ 4.3660, 11.6516,  
-3.8290

■ 0.0000, 0.0000,  
0.0000

■ 152.2090, 40.3230,  
40.1587

■ 152.2090, 40.3230,  
40.1587

■ 136.6150, 48.0108,  
47.6956

■ 167.8030, 32.6351,  
32.6218

■ 120.4340, 55.9880,  
55.7474

■ 183.9840, 24.6579,  
24.5700

■ 104.8400, 63.6759,  
63.2843

■ 199.5780, 16.9700,  
17.0331

■ 88.6590, 71.6531,  
71.3361

■ 215.7590, 8.9928,  
8.9814

75.7120, 78.0360,  
77.4286

231.3530, 1.3050,  
1.4444

246.9470, -6.3829,  
-6.0925

250.2140, -7.9935,  
-2.8187

252.3070, -9.0254,  
1.4848

252.6060, -9.1728,  
2.0995

# Harmonies

## Analogous

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



138.7360, 57.3182, -44.4955



152.2090, 40.3230, 40.1587



144.2250, 16.1581, 91.0107

# Triad

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



152.2090, 40.3230, 40.1587



139.3330, -68.6912, 52.3280



125.1030, 30.0222, -109.7153

# Complementary

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



152.2090, 40.3230, 40.1587



194.7910, -40.3230, -40.1587

# 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.



116.9920, 1.4829, -102.6020



152.2090, 40.3230, 40.1587



134.6170, -66.3662, 6.4749

# Square

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



152.2090, 40.3230, 40.1587



141.7250, -42.7554, 87.0642



123.5270, -33.2908, -55.7132



129.7260, 55.3511, -113.7697



# Rectangle

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



152.2090, 40.3230, 40.1587



138.4810, -2.2091, 102.1872



123.5270, -33.2908, -55.7132



122.5950, 20.4127, -107.5158

# Sweetspot

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



152.2090, 40.3230, 40.1587



227.3450, 13.6339, 13.7294



147.9260, 42.4345, -30.6301



110.9330, 8.4140, 7.9518



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.



152.2090, 40.3230, 40.1587



148.2010, 52.6519, 52.4437



160.2370, 24.5332, 64.6902



109.6460, 3.6255, 3.8185



58.6070, 60.3397, 59.9807



17.5180, 17.9856, 17.9627



# Inverse Universe

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



153.2830, -2.1115, 70.7888



149.6000, -2.7608, 92.4358



186.7630, -24.5332, -64.6902



109.6310, -0.3111, 6.4626



60.2750, -3.0936, 105.8758



17.9700, -0.9712, 31.5983



# Previews

## White Background



This preview shows how the YUV color 152.2090, 40.3230, 40.1587 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

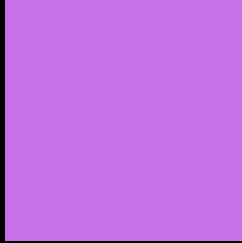
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 152.2090, 40.3230, 40.1587 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

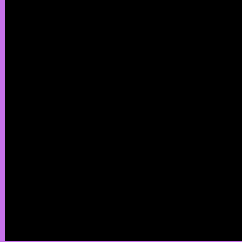
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 152.2090, 40.3230, 40.1587

## Background



This preview shows how black text looks on a background with the YUV color 152.2090, 40.3230, 40.1587.



This preview shows how white text looks on a background with the YUV color 152.2090, 40.3230, 40.1587.



# 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

152.2090, 40.3230, 40.1587

### Protanopia

144.0850, 54.6811, -38.6625

### Deuteranopia

145.6440, 40.1085, -31.2598



## Tritanopia

151.0900, -3.0024, 29.7391

# Trichromacy



## Original Color

152.2090, 40.3230, 40.1587



## Protanomaly

146.8930, 49.3528, -9.5532



## Deuteranomaly

147.9230, 40.4640, -5.1945



## Tritanomaly

151.5370, 12.5533, 33.7321

# Monochromacy



## Original Color

152.2090, 40.3230, 40.1587



## Achromatopsia

152.0000, 0.0000, 0.0000



## Achromatomaly

152.2850, 14.6495, 14.6591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.2090, 40.3230, 40.1587 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(198, 113, 234)` looks like.

```
.text, #text, p{  
    color:rgb(198, 113, 234)  
}
```

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(198, 113, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 113, 234) }
```

## Border

The CSS property to change the border of an element to YUV 152.2090, 40.3230, 40.1587 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(198, 113, 234) }
```



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

```
.border{ border-color:rgb(198, 113, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 113, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 113, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 113, 234);  
box-shadow:4px 4px 4px 4px rgb(198, 113,  
234) }
```

# Background

The CSS property to change the background color of an element to YUV 152.2090, 40.3230, 40.1587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 113, 234) }
```

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

```
.background{ background-color: rgb(198,  
113, 234) }
```

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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