

Converting Colors

YUV(66.7350, 52.3886, -3.2756)

Have a look what the booklet for
YUV(66.7350, 52.3886, -3.2756)
contains.

YUV(66.7350, 52.3886, -3.2756)	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(66.7350, 52.3886,
-3.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	3F30AD
RGB	63, 48, 173
RGB Percent	25%, 19%, 68%
CMY	0.7529, 0.8118, 0.3216
CMYK	0.64, 0.72, 0.00, 0.32
HSL	247°, 57%, 43%
HSV	247°, 72%, 68%
XYZ	10.6497, 6.1878, 40.1682
YIQ	66.7350, -31.1850, 42.0550

Conversions

Conversions Part 2

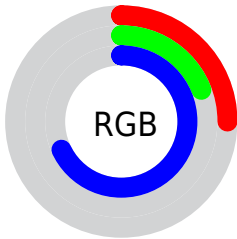
Format	Color
R _{YB}	63, 48, 173
Decimal	4141229
CIE Lab	29.88, 43.28, -64.33
CIE LCh	30, 77.539, 303.932
Yxy	6.1878, 0.1868, 0.1085
Android (android.graphics.Color)	4282331309 (0xFF3F30AD)
YUV	66.7350, 52.3886, -3.2756
Hunter-Lab	24.8753, 32.8882, -78.3279

Details

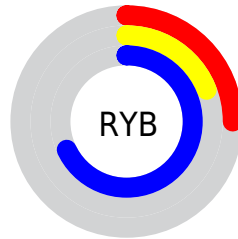
The YUV color **66.7350, 52.3886, -3.2756** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **154.2650, -52.3886, 3.2756**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.3490, 54.5509, 3.2019**, and **15.3270, 51.1108, -13.4418** is the 20% darker color. If you saturate the color by 10%, you get **52.2710, 59.5194, -3.7457**, and if you desaturate by 10%, it is **81.1990, 45.2579, -2.8055**.

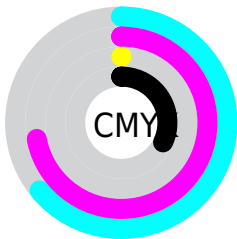
Distribution



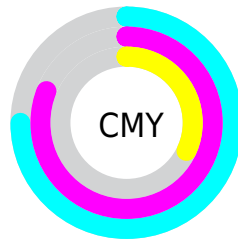
- Red (25%)
- Green (19%)
- Blue (68%)



- Red (25%)
- Yellow (19%)
- Blue (68%)



- Cyan (64%)
- Magenta (72%)
- Yellow (0%)
- Black (32%)



- Cyan (75%)
- Magenta (81%)
- Yellow (32%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.7350, 52.3886, -3.2756 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 66.7350, 52.3886, -3.2756 by changing the saturation by 10% instead.

■ 66.7350, 52.3886,
-3.2756

■ 66.7350, 52.3886,
-3.2756

■ 255.0000, 0.0000,
0.0000

■ 38.4950, 53.0000,
-12.7121

■ 119.3490, 54.5509,
3.2019

■ 15.3270, 51.1108,
-13.4418

■ 145.8440, 53.8139,
6.2758

■ 10.7160, 41.0590,
-9.3979

■ 170.3640, 41.7255,
10.2048

■ 12.5620, 27.8239,
-11.0169

■ 195.1830, 29.4898,
14.7485

■ 7.0050, 19.2245,
-6.1434

■ 219.7030, 17.4014,
18.6775

■ 3.3230, 10.1938,
-2.9143

■ 240.9120, 6.9454,

■ 0.0000, 0.0000,

12.3552

0.0000

■ 66.7350, 52.3886,
-3.2756

■ 66.7350, 52.3886,
-3.2756

■ 52.2710, 59.5194,
-3.7457

■ 81.1990, 45.2579,
-2.8055

■ 37.2200, 66.9395,
-3.7009

■ 96.2500, 37.8377,
-2.8502

■ 26.0010, 72.4705,
-4.3859

■ 111.0130, 30.5596,
-1.7654

■ 125.4770, 23.4288,
-1.2953

■ 140.5280, 16.0087,
-1.3401

■ 154.9920, 8.8779,
-0.8700

■ 169.7550, 1.5998,
0.2149

■ 184.2190, -5.5310,
0.6849

■ 199.2700,
-12.9511, 0.6402

Harmonies

Analogous

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



67.9020, 62.1663, -59.5501



66.7350, 52.3886, -3.2756



57.3060, 33.3731, 76.0306

Triad

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



66.7350, 52.3886, -3.2756



63.2140, -31.1645, 55.9403



62.7820, 7.0095, -55.0598

Complementary

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



66.7350, 52.3886, -3.2756



154.2650, -52.3886, 3.2756

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.



53.4000, -23.8612, -46.8318



66.7350, 52.3886, -3.2756



65.5970, -32.3393, 12.6314

Square

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



66.7350, 52.3886, -3.2756



47.9970, -21.6905, 97.3496



49.3080, -24.3088, -43.2431



70.2090, 32.9280, -61.5733

Rectangle

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



66.7350, 52.3886, -3.2756



58.7260, 12.9531, 92.3253



49.3080, -24.3088, -43.2431



59.8010, -1.8739, -52.4455

Sweetspot

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



66.7350, 52.3886, -3.2756



182.3800, 20.5187, -1.2103



126.8200, 22.7667, -69.1251



87.5020, 12.0775, -0.4403



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



66.7350, 52.3886, -3.2756



58.4060, 81.6378, -4.7411



85.2730, 43.2494, 34.8406



79.3250, 3.7838, -0.2850



22.4820, 62.8664, -3.9307



3.5190, 9.6041, -0.4552

Inverse Universe

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



97.9150, 29.6219, 65.8495



106.9130, 46.3849, 102.6853



135.7270, -43.2494, -34.8406



81.6030, 2.1677, 4.7332



59.8980, 35.5463, 79.0195



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 66.7350, 52.3886, -3.2756 looks on a white 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

Black Background



This preview shows how the YUV color 66.7350, 52.3886, -3.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

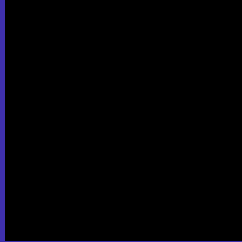
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.7350, 52.3886, -3.2756

Background



This preview shows how black text looks on a background with the YUV color 66.7350, 52.3886, -3.2756.



This preview shows how white text looks on a background with the YUV color 66.7350, 52.3886, -3.2756.

-3.2756.

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

66.7350, 52.3886, -3.2756

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.2860, 32.8900, -49.3628



Tritanopia

55.3620, 14.1185, -48.5525

Trichromacy



Original Color

66.7350, 52.3886, -3.2756

Protanomaly

60.2400, 46.2237, -32.6595

Deuteranomaly

59.9320, 39.9665, -32.3894

Tritanomaly

59.4300, 27.8890, -31.9491

Monochromacy



Original Color

66.7350, 52.3886, -3.2756

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0380, 19.2083, -0.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.7350, 52.3886, -3.2756 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(63, 48, 173)` looks like.

```
.text, #text, p{  
    color:rgb(63, 48, 173)  
}
```

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(63, 48, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 48, 173) }
```

Border

The CSS property to change the border of an element to YUV 66.7350, 52.3886, -3.2756 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(63, 48, 173) }
```


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

```
.border{ border-color:rgb(63, 48, 173) }
```

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

Here you see how a box with a 4 pixel rgb(63, 48, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 48, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 48, 173);  
box-shadow:4px 4px 4px 4px rgb(63, 48,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 66.7350, 52.3886, -3.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 48, 173) }
```

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

```
.background{ background-color: rgb(63, 48,  
173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor