

Converting Colors

YUV(71.3050, 54.5726, -3.7755)

Have a look what the booklet for
YUV(71.3050, 54.5726, -3.7755)
contains.

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Color

**YUV(71.3050, 54.5726,
-3.7755)**

Conversions

Conversions Part 1

Format	Color
Hex	4334B6
RGB	67, 52, 182
RGB Percent	26%, 20%, 71%
CMY	0.7373, 0.7961, 0.2863
CMYK	0.63, 0.71, 0.00, 0.29
HSL	247°, 56%, 46%
HSV	247°, 71%, 71%
XYZ	11.9862, 7.0267, 44.9805
YIQ	71.3050, -32.7900, 43.6100

Conversions

Conversions Part 2

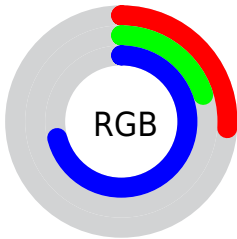
Format	Color
R _{YB}	67, 52, 182
Decimal	4404406
CIE Lab	31.87, 44.41, -66.42
CIE LCh	32, 79.903, 303.767
Yxy	7.0267, 0.1873, 0.1098
Android (android.graphics.Color)	4282594486 (0xFF4334B6)
YUV	71.3050, 54.5726, -3.7755
Hunter-Lab	26.5079, 34.3247, -82.0521

Details

The YUV color **71.3050, 54.5726, -3.7755** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **162.6950, -54.5726, 3.7755**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.2180, 56.5875, 3.3168**, and **17.5270, 54.4632, -15.3712** is the 20% darker color. If you saturate the color by 10%, you get **55.9550, 62.1402, -4.3455**, and if you desaturate by 10%, it is **86.6550, 47.0051, -3.2054**.

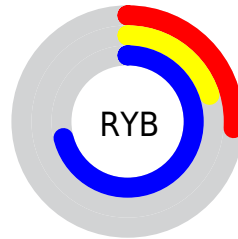
Distribution



Red (26%)

Green (20%)

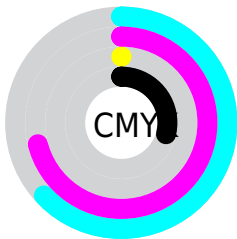
Blue (71%)



Red (26%)

Yellow (20%)

Blue (71%)

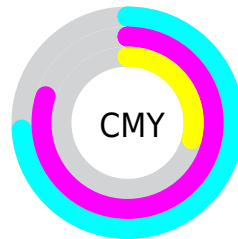


Cyan (63%)

Magenta (71%)

Yellow (0%)

Black (29%)



Cyan (74%)

Magenta (80%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3050, 54.5726, -3.7755 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 71.3050, 54.5726, -3.7755 by changing the saturation by 10% instead.

■ 71.3050, 54.5726,
-3.7755

■ 71.3050, 54.5726,
-3.7755

■ 255.0000, 0.0000,
0.0000

■ 43.2500, 54.5998,
-12.4972

■ 124.2180, 56.5875,
3.3168

■ 17.5270, 54.4632,
-15.3712

■ 149.9750, 51.7773,
6.1609

■ 11.6280, 44.5534,
-10.1978

■ 174.2070, 39.8309,
11.2195

■ 9.9520, 33.0547,
-8.7279

■ 199.0260, 27.5952,
15.7632

■ 8.9770, 21.7033,
-7.8728

■ 224.4320, 15.0700,
19.7921

■ 4.7080, 12.9620,
-4.1289

■ 243.8470, 5.4984,

■ 0.2280, 0.8736,

9.7812

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 71.3050, 54.5726,
-3.7755

■ 71.3050, 54.5726,
-3.7755

■ 55.9550, 62.1402,
-4.3455

■ 86.6550, 47.0051,
-3.2054

■ 40.6050, 69.7077,
-4.9156

■ 102.0050, 39.4375,
-2.6354

■ 27.0270, 76.4017,
-5.2857

■ 117.9420, 31.5806,
-2.5801

■ 133.2920, 24.0130,
-2.0101

■ 148.9410, 16.2981,
-0.8253

■ 164.2910, 8.7305,
-0.2552

■ 179.6410, 1.1630,
0.3148

■ 195.5780, -6.6940,
0.3701

■ 210.9280,
-14.2615, 0.9401

Harmonies

Analogous

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



71.9770, 65.0873, -63.1238



71.3050, 54.5726, -3.7755



60.1970, 35.3989, 79.6342

Triad

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



71.3050, 54.5726, -3.7755



67.0680, -33.0645, 58.6994



66.2870, 7.7465, -58.1337

Complementary

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



71.3050, 54.5726, -3.7755



162.6950, -54.5726, 3.7755

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.



56.4490, -24.8714, -49.5058



71.3050, 54.5726, -3.7755



70.3260, -34.6707, 13.7461

Square

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



71.3050, 54.5726, -3.7755



50.7310, -21.5594, 101.9679



52.2430, -25.7558, -45.8171



74.0560, 34.9754, -64.9471

Rectangle

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



71.3050, 54.5726, -3.7755



62.1010, 14.2472, 97.2584



52.2430, -25.7558, -45.8171



63.7790, -1.8630, -55.9342

Sweetspot

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



71.3050, 54.5726, -3.7755



194.4940, 20.9555, -1.3102



135.4990, 22.9250, -73.2286



94.3170, 12.6617, -1.1550



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



71.3050, 54.5726, -3.7755



63.4320, 85.5690, -5.6409



90.1420, 45.2860, 34.9555



84.3250, 3.7838, -0.2850



23.1660, 65.4872, -4.5306



4.0890, 11.7881, -0.9551

Inverse Universe

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



103.9800, 31.0689, 68.4235



114.6300, 48.9894, 107.3185



143.8580, -45.2860, -34.9555



86.6030, 2.1677, 4.7332



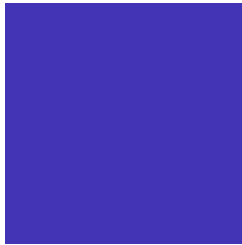
62.3760, 37.2826, 82.1082



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 71.3050, 54.5726, -3.7755 looks on a white background.

Color Contrast Check

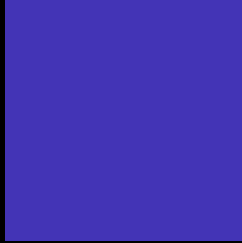
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.3050, 54.5726, -3.7755 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 71.3050, 54.5726, -3.7755

Background



This preview shows how black text looks on a background with the YUV color 71.3050, 54.5726, -3.7755.



This preview shows how white text looks on a background with the YUV color 71.3050, 54.5726,

-3.7755.

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

71.3050, 54.5726, -3.7755

Protanopia

59.5920, 45.5571, -52.2622

Deuteranopia

60.0190, 34.5006, -52.6367



Tritanopia

58.9810, 15.2924, -51.7263

Trichromacy



Original Color

71.3050, 54.5726, -3.7755

Protanomaly

63.9130, 48.8499, -35.0037

Deuteranomaly

64.0780, 41.8665, -35.1484

Tritanomaly

63.4620, 29.3522, -34.6082

Monochromacy



Original Color

71.3050, 54.5726, -3.7755

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1520, 19.6451, -1.0103

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3050, 54.5726, -3.7755 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(67, 52, 182)` looks like.

```
.text, #text, p{  
    color:rgb(67, 52, 182)  
}
```

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(67, 52, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 52, 182) }
```

Border

The CSS property to change the border of an element to YUV 71.3050, 54.5726, -3.7755 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(67, 52, 182) }
```


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

```
.border{ border-color:rgb(67, 52, 182) }
```

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

Here you see how a box with a 4 pixel rgb(67, 52, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 52, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 52, 182);  
box-shadow:4px 4px 4px 4px rgb(67, 52,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 71.3050, 54.5726, -3.7755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 52, 182) }
```

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

```
.background{ background-color: rgb(67, 52,  
182) }
```

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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