

Converting Colors

YUV(69.1240, 42.3369, 0.7683)

Have a look what the booklet for
YUV(69.1240, 42.3369, 0.7683)
contains.

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Color

**YUV(69.1240, 42.3369,
0.7683)**

Conversions

Conversions Part 1

Format	Color
Hex	46349B
RGB	70, 52, 155
RGB Percent	27%, 20%, 61%
CMY	0.7255, 0.7961, 0.3922
CMYK	0.55, 0.66, 0.00, 0.39
HSL	250°, 50%, 41%
HSV	250°, 66%, 61%
XYZ	9.6702, 6.1246, 31.6828
YIQ	69.1240, -22.3350, 35.8490

Conversions

Conversions Part 2

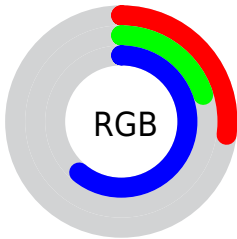
Format	Color
R_{YB}	70, 52, 155
Decimal	4600987
CIE _{Lab}	29.72, 36.33, -53.70
CIE _{LCh}	30, 64.831, 304.081
Yxy	6.1246, 0.2037, 0.1290
Android (android.graphics.Color)	4282791067 (0xFF46349B)
YUV	69.1240, 42.3369, 0.7683
Hunter-Lab	24.7480, 26.4391, -58.5806

Details

The YUV color **69.1240, 42.3369, 0.7683** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **137.8760, -42.3369, -0.7683**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.3140, 44.2152, 4.9866**, and **16.4380, 42.6751, -14.4161** is the 20% darker color. If you saturate the color by 10%, you get **56.4320, 48.5940, 0.4981**, and if you desaturate by 10%, it is **81.8160, 36.0797, 1.0384**.

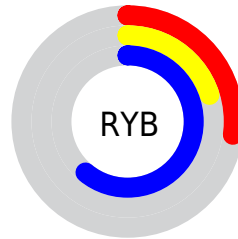
Distribution



Red (27%)

Green (20%)

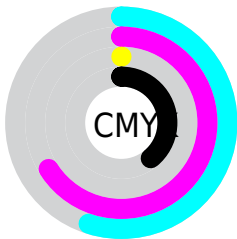
Blue (61%)



Red (27%)

Yellow (20%)

Blue (61%)

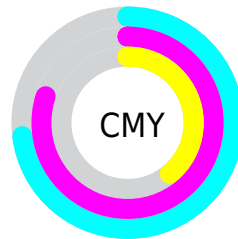


Cyan (55%)

Magenta (66%)

Yellow (0%)

Black (39%)



Cyan (73%)

Magenta (80%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.1240, 42.3369, 0.7683 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 69.1240, 42.3369, 0.7683 by changing the saturation by 10% instead.

69.1240, 42.3369,
0.7683

69.1240, 42.3369,
0.7683

255.0000, 0.0000,
0.0000

44.1620, 41.3321,
-3.6501

120.3140, 44.2152,
4.9866

16.4380, 42.6751,
-14.4161

146.6670, 45.5202,
6.4310

8.8920, 34.0702,
-7.7983

172.4240, 40.7100,
9.2752

9.0910, 22.1401,
-7.9728

196.9440, 28.6216,
13.2041

4.8220, 13.3988,
-4.2289

222.0510, 16.2439,
16.6183

0.4560, 1.7472,
-0.3999

242.6730, 6.0772,

0.0000, 0.0000,

10.8108

0.0000

■ 69.1240, 42.3369,
0.7683

■ 69.1240, 42.3369,
0.7683

■ 56.4320, 48.5940,
0.4981

■ 81.8160, 36.0797,
1.0384

■ 43.1530, 55.1406,
0.7428

■ 95.0950, 29.5332,
0.7937

■ 30.7600, 61.2503,
1.0875

■ 107.4880, 23.4234,
0.4490

■ 25.7430, 63.7237,
1.1024

■ 120.7670, 16.8769,
0.2043

■ 134.0460, 10.3303,
-0.0403

■ 146.7380, 4.0732,
0.2298

■ 159.4300, -2.1840,
0.4999

■ 172.4100, -8.5831,
-0.3596

■ 185.1020,
-14.8403, -0.0895

Harmonies

Analogous

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



63.7470, 53.8617, -55.9061



69.1240, 42.3369, 0.7683



52.8770, 30.6266, 70.2679

Triad

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



69.1240, 42.3369, 0.7683



64.6430, -31.8690, 48.5481



60.9070, 7.4408, -53.4154

Complementary

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



69.1240, 42.3369, 0.7683



137.8760, -42.3369, -0.7683

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.



53.3490, -16.4411, -46.7871



69.1240, 42.3369, 0.7683



65.8960, -32.4867, 13.2462

Square

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



69.1240, 42.3369, 0.7683



45.4780, -14.5327, 88.1578



54.7120, -26.9730, -28.6884



67.1940, 28.9914, -58.9291

Rectangle

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



69.1240, 42.3369, 0.7683



54.1980, 13.7064, 84.0184



54.7120, -26.9730, -28.6884



58.8550, -0.4215, -51.6158

Sweetspot

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



69.1240, 42.3369, 0.7683



167.6530, 16.4401, 0.3043



114.2240, 20.1026, -54.5704



81.9320, 9.8935, 0.0596



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



69.1240, 42.3369, 0.7683



66.7260, 66.1971, 1.1173



84.3730, 34.8191, 32.1219



70.2110, 3.3470, -0.1850



23.4350, 57.4665, 1.3725



2.0800, 5.3836, -0.0702

Inverse Universe

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



92.4870, 21.9449, 54.8239



103.3010, 34.3616, 85.6820



122.6270, -34.8191, -32.1219



72.0760, 1.4415, 4.3183



55.0840, 30.0316, 74.4713



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 69.1240, 42.3369, 0.7683 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 69.1240, 42.3369, 0.7683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

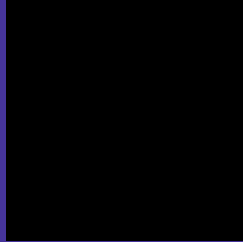
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.1240, 42.3369, 0.7683

Background



This preview shows how black text looks on a background with the YUV color 69.1240, 42.3369, 0.7683.



This preview shows how white text looks on a background with the YUV color 69.1240, 42.3369,

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

69.1240, 42.3369, 0.7683

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.2860, 32.8900, -49.3628



Tritanopia

66.4150, 7.1904, -19.6580

Trichromacy



Original Color

69.1240, 42.3369, 0.7683

Protanomaly

60.6270, 42.5819, -31.2449

Deuteranomaly

61.0200, 36.4721, -31.5895

Tritanomaly

67.4880, 19.9724, -12.7060

Monochromacy



Original Color

69.1240, 42.3369, 0.7683

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0120, 15.2771, -0.0105

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.1240, 42.3369, 0.7683 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(70, 52, 155)` looks like.

```
.text, #text, p{  
    color:rgb(70, 52, 155)  
}
```

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(70, 52, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 52, 155) }
```

Border

The CSS property to change the border of an element to YUV 69.1240, 42.3369, 0.7683 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(70, 52, 155) }
```


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

```
.border{ border-color:rgb(70, 52, 155) }
```

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

Here you see how a box with a 4 pixel rgb(70, 52, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 52, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 52, 155);  
box-shadow:4px 4px 4px 4px rgb(70, 52,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 69.1240, 42.3369, 0.7683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 52, 155) }
```

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

```
.background{ background-color: rgb(70, 52,  
155) }
```

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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