

Converting Colors

YUV(69.9560, 20.2347, -3.4694)

Have a look what the booklet for
YUV(69.9560, 20.2347, -3.4694)
contains.

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Color

**YUV(69.9560, 20.2347,
-3.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	42406F
RGB	66, 64, 111
RGB Percent	26%, 25%, 44%
CMY	0.7412, 0.7490, 0.5647
CMYK	0.41, 0.42, 0.00, 0.56
HSL	243°, 27%, 34%
HSV	243°, 42%, 44%
XYZ	6.9494, 5.9727, 15.8255
YIQ	69.9560, -13.8950, 15.0410

Conversions

Conversions Part 2

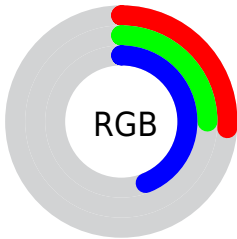
Format	Color
R_{YB}	66, 64, 111
Decimal	4341871
CIE _{Lab}	29.34, 13.63, -26.98
CIE _{LCh}	29, 30.224, 296.807
Yxy	5.9727, 0.2417, 0.2078
Android (android.graphics.Color)	4282531951 (0xFF42406F)
YUV	69.9560, 20.2347, -3.4694
Hunter-Lab	24.4392, 7.9888, -21.2856

Details

The YUV color **69.9560, 20.2347, -3.4694** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **105.0440, -20.2347, 3.4694**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.0100, 21.6871, -2.6398**, and **25.1790, 18.6458, -7.1730** is the 20% darker color. If you saturate the color by 10%, you get **60.2100, 25.0395, -4.5692**, and if you desaturate by 10%, it is **79.7020, 15.4299, -2.3697**.

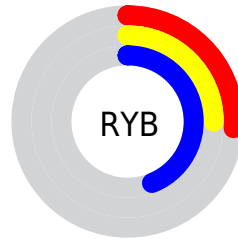
Distribution



Red (26%)

Green (25%)

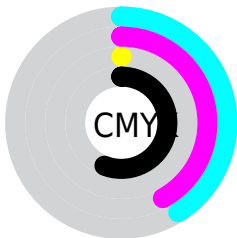
Blue (44%)



Red (26%)

Yellow (25%)

Blue (44%)

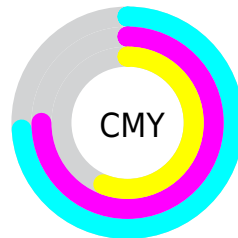


Cyan (41%)

Magenta (42%)

Yellow (0%)

Black (56%)



Cyan (74%)

Magenta (75%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.9560, 20.2347, -3.4694 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 69.9560, 20.2347, -3.4694 by changing the saturation by 10% instead.

■ 69.9560, 20.2347,
-3.4694

■ 69.9560, 20.2347,
-3.4694

■ 255.0000, 0.0000,
0.0000

■ 47.0160, 19.2191,
-4.3990

■ 119.0100, 21.6871,
-2.6398

■ 25.1790, 18.6458,
-7.1730

■ 144.5370, 22.4133,
-2.2249

■ 4.6740, 17.9087,
-4.0991

■ 171.0640, 23.1394,
-1.8101

■ 2.7530, 8.0098,
-2.4144

■ 198.5910, 23.8656,
-1.3953

■ 0.0000, 0.0000,
0.0000

■ 224.3110, 15.1297,
0.6043

■ 250.0050, 2.4625,

3.5036

■ 69.9560, 20.2347,
-3.4694

■ 69.9560, 20.2347,
-3.4694

■ 60.2100, 25.0395,
-4.5692

■ 79.7020, 15.4299,
-2.3697

■ 50.7630, 29.6968,
-5.0542

■ 89.1490, 10.7725,
-1.8847

■ 41.0170, 34.5016,
-6.1539

■ 98.8950, 5.9678,
-0.7849

■ 31.2710, 39.3064,
-7.2537

■ 108.6410, 1.1630,
0.3148

■ 21.8240, 43.9638,
-7.7386

■ 118.6750, -3.7838,
0.2850

■ 14.1490, 47.7475,
-8.0237

■ 128.4210, -8.5886,
1.3848

■ 137.8680,
-13.2459, 1.8698

■ 147.6140,
-18.0507, 2.9695

■ 157.3600,
-22.8555, 4.0693

Harmonies

Analogous

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



56.6840, 29.2428, -46.2039



69.9560, 20.2347, -3.4694



71.5200, 11.5756, 20.5920

Triad

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



69.9560, 20.2347, -3.4694



67.9640, -18.7163, 29.8496



55.0710, 5.3880, -48.2973

Complementary

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



69.9560, 20.2347, -3.4694



105.0440, -20.2347, 3.4694

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.



59.8430, -8.7966, -25.2953



69.9560, 20.2347, -3.4694



66.7250, -23.0354, 15.1502

Square

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



69.9560, 20.2347, -3.4694



68.4240, -9.5760, 38.2162



64.5270, -19.4868, -3.0932



57.2200, 16.1605, -50.1819

Rectangle

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



69.9560, 20.2347, -3.4694



70.4630, 4.7017, 32.0429



64.5270, -19.4868, -3.0932



53.5720, 2.1830, -46.9826

Sweetspot

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



69.9560, 20.2347, -3.4694



128.4650, 8.1518, -1.2848



95.7730, 7.5069, -27.8649



63.6670, 5.0942, -0.5850



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



69.9560, 20.2347, -3.4694



80.3330, 31.8808, -5.5540



76.8330, 16.8443, 10.6705



50.9830, 2.4734, 0.0149



15.1750, 51.6787, -8.9235



31.4470, 106.2676, -17.9320

Inverse Universe

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



83.1830, 12.7278, 24.3955



101.2200, 20.1045, 38.3951



98.1670, -16.8443, -10.6705



52.4780, 1.7363, 3.0888



48.9900, 32.5429, 62.2758



100.8710, 67.1116, 128.1551

Previews

White Background



This preview shows how the YUV color 69.9560, 20.2347, -3.4694 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 69.9560, 20.2347, -3.4694 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 69.9560, 20.2347, -3.4694

Background



This preview shows how black text looks on a background with the YUV color 69.9560, 20.2347, -3.4694.



This preview shows how white text looks on a background with the YUV color 69.9560, 20.2347,

-3.4694.

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

69.9560, 20.2347, -3.4694

Protanopia

67.8620, 22.7460, -15.6650

Deuteranopia

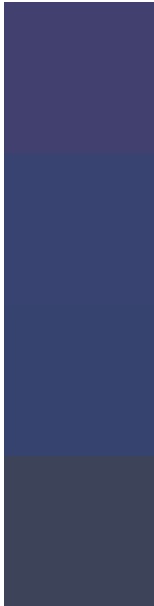
66.7970, 21.2991, -18.2390



Tritanopia

67.7970, 4.5371, -8.5920

Trichromacy



Original Color

69.9560, 20.2347, -3.4694

Protanomaly

68.9550, 21.7142, -11.3615

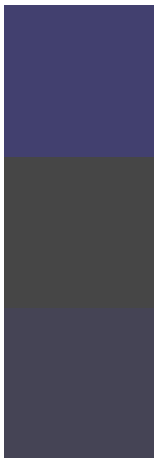
Deuteranomaly

67.7160, 20.8460, -12.9059

Tritanomaly

68.3010, 10.2046, -6.4030

Monochromacy



Original Color

69.9560, 20.2347, -3.4694

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2370, 7.2782, -1.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.9560, 20.2347, -3.4694 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(66, 64, 111)` looks like.

```
.text, #text, p{  
    color:rgb(66, 64, 111)  
}
```

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(66, 64, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 64, 111) }
```

Border

The CSS property to change the border of an element to YUV 69.9560, 20.2347, -3.4694 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(66, 64, 111) }
```


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

```
.border{ border-color:rgb(66, 64, 111) }
```

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

Here you see how a box with a 4 pixel rgb(66, 64, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 64, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 64, 111);  
box-shadow:4px 4px 4px 4px rgb(66, 64,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 69.9560, 20.2347, -3.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 64, 111) }
```

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

```
.background{ background-color: rgb(66, 64,  
111) }
```

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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