

Converting Colors

YUV(75.8100, 35.0967,
-10.3574)

Have a look what the booklet for
YUV(75.8100, 35.0967, -10.3574)
contains.

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Color

**YUV(75.8100, 35.0967,
-10.3574)**

Conversions

Conversions Part 1

Format	Color
Hex	404493
RGB	64, 68, 147
RGB Percent	25%, 27%, 58%
CMY	0.7490, 0.7333, 0.4235
CMYK	0.56, 0.54, 0.00, 0.42
HSL	237°, 39%, 41%
HSV	237°, 56%, 58%
XYZ	9.4479, 7.3308, 28.5208
YIQ	75.8100, -27.7430, 23.7210

Conversions

Conversions Part 2

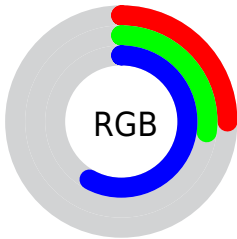
Format	Color
R_{YB}	64, 68, 147
Decimal	4211859
CIE _{Lab}	32.55, 22.36, -44.26
CIE _{LCh}	33, 49.588, 296.797
Yxy	7.3308, 0.2086, 0.1618
Android (android.graphics.Color)	4282401939 (0xFF404493)
YUV	75.8100, 35.0967, -10.3574
Hunter-Lab	27.0755, 14.9051, -43.5021

Details

The YUV color **75.8100, 35.0967, -10.3574** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **135.1900, -35.0967, 10.3574**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7010, 37.1224, -6.7538**, and **25.6190, 34.6978, -22.4679** is the 20% darker color. If you saturate the color by 10%, you get **63.1070, 41.3592, -12.3718**, and if you desaturate by 10%, it is **88.5130, 28.8341, -8.3429**.

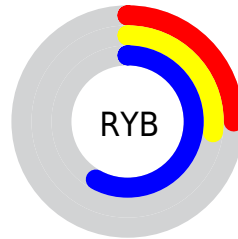
Distribution



Red (25%)

Green (27%)

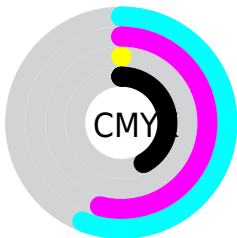
Blue (58%)



Red (25%)

Yellow (27%)

Blue (58%)

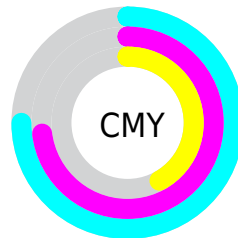


Cyan (56%)

Magenta (54%)

Yellow (0%)

Black (42%)



Cyan (75%)

Magenta (73%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8100, 35.0967, -10.3574 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 75.8100, 35.0967, -10.3574 by changing the saturation by 10% instead.

■ 75.8100, 35.0967,
-10.3574

■ 75.8100, 35.0967,
-10.3574

■ 255.0000, 0.0000,
0.0000

■ 51.2610, 34.3813,
-14.2609

■ 126.7010, 37.1224,
-6.7538

■ 25.6190, 34.6978,
-22.4679

■ 153.2280, 37.8486,
-6.3390

■ 8.0940, 31.0127,
-7.0984

■ 179.7120, 37.1170,
-5.0094

■ 7.8200, 19.8087,
-6.8581

■ 203.9330, 25.1760,
-1.6952

■ 3.5510, 11.0674,
-3.1142

■ 229.0400, 12.7983,
1.7189

■ 0.0000, 0.0000,
0.0000

■ 253.2390, 0.8682,

1.5444

■ 75.8100, 35.0967,
-10.3574

■ 75.8100, 35.0967,
-10.3574

■ 63.1070, 41.3592,
-12.3718

■ 88.5130, 28.8341,
-8.3429

■ 50.7030, 47.4744,
-13.7715

■ 100.9170, 22.7189,
-6.9432

■ 38.0000, 53.7370,
-15.7860

■ 113.6200, 16.4563,
-4.9287

■ 25.2970, 59.9996,
-17.8005

■ 126.3230, 10.1938,
-2.9143

■ 20.8670, 62.1836,
-18.3004

■ 139.0260, 3.9312,
-0.8998

■ 151.4300, -2.1840,
0.4999

■ 164.1330, -8.4466,
2.5144

■ 176.8360,
-14.7091, 4.5288

■ 189.2400,
-20.8243, 5.9285

Harmonies

Analogous

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



66.3910, 43.6842, -58.2249



75.8100, 35.0967, -10.3574



77.4370, 20.9836, 36.4508

Triad

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



75.8100, 35.0967, -10.3574



71.7030, -32.8846, 47.6185



62.6850, 4.0993, -54.9747

Complementary

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



75.8100, 35.0967, -10.3574



135.1900, -35.0967, 10.3574

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.



56.8370, -13.2306, -49.8460



75.8100, 35.0967, -10.3574



71.8540, -35.4240, 22.0530

Square

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



75.8100, 35.0967, -10.3574



69.4920, -12.5676, 64.4665



67.5360, -33.2952, -7.4861



67.8320, 21.2818, -59.4887

Rectangle

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



75.8100, 35.0967, -10.3574



72.4520, 11.6092, 56.6086



67.5360, -33.2952, -7.4861



61.0890, -2.0159, -53.5751

Sweetspot

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



75.8100, 35.0967, -10.3574



163.2350, 13.6881, -3.7141



121.7270, 10.4876, -50.6266



80.1660, 8.2992, -1.8996



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



75.8100, 35.0967, -10.3574



79.3420, 55.0474, -16.0859



84.5250, 30.8002, 14.4486



67.7980, 3.0576, -0.6998



19.8410, 58.2524, -17.4006



1.1400, 4.3680, -0.9998

Inverse Universe

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



89.2730, -10.4876, 50.6266



100.5540, -16.5421, 79.3211



126.4750, -30.8002, -14.4486



69.0930, -1.0318, 4.3034



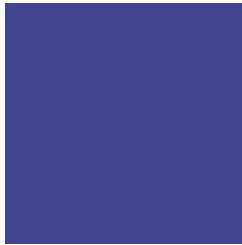
42.0600, -17.2846, 84.1394



2.9900, -1.4741, 6.1478

Previews

White Background



This preview shows how the YUV color 75.8100, 35.0967, -10.3574 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 75.8100, 35.0967, -10.3574 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 75.8100, 35.0967, -10.3574

Background



This preview shows how black text looks on a background with the YUV color 75.8100, 35.0967, -10.3574.



This preview shows how white text looks on a background with the YUV color 75.8100, 35.0967, -10.3574.

-10.3574.

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

75.8100, 35.0967, -10.3574

Protanopia

67.4580, 42.1722, -39.8667

Deuteranopia

61.4040, 37.2688, -53.8513



Tritanopia

71.4250, 8.6645, -25.8057

Trichromacy



Original Color

75.8100, 35.0967, -10.3574

Protanomaly

70.5410, 39.6663, -29.4155

Deuteranomaly

66.3890, 36.7832, -38.0522

Tritanomaly

73.2760, 18.1049, -20.4131

Monochromacy



Original Color

75.8100, 35.0967, -10.3574

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0070, 12.8145, -3.5141

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8100, 35.0967, -10.3574 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(64, 68, 147)` looks like.

```
.text, #text, p{  
    color:rgb(64, 68, 147)  
}
```

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(64, 68, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 68, 147) }
```

Border

The CSS property to change the border of an element to YUV 75.8100, 35.0967, -10.3574 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(64, 68, 147) }
```


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

```
.border{ border-color:rgb(64, 68, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 68, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 68, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 68, 147);  
box-shadow:4px 4px 4px 4px rgb(64, 68,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 75.8100, 35.0967, -10.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 68, 147) }
```

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

```
.background{ background-color: rgb(64, 68,  
147) }
```

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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