

Converting Colors

YUV(75.3240, 42.2383,
-14.3161)

Have a look what the booklet for
YUV(75.3240, 42.2383, -14.3161)
contains.

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Color

**YUV(75.3240, 42.2383,
-14.3161)**

Conversions

Conversions Part 1

Format	Color
Hex	3B43A1
RGB	59, 67, 161
RGB Percent	23%, 26%, 63%
CMY	0.7686, 0.7373, 0.3686
CMYK	0.63, 0.58, 0.00, 0.37
HSL	235°, 46%, 43%
HSV	235°, 63%, 63%
XYZ	10.2438, 7.5173, 34.6293
YIQ	75.3240, -34.9420, 27.5380

Conversions

Conversions Part 2

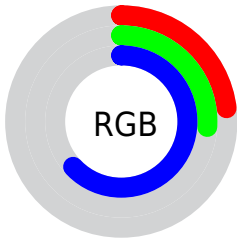
Format	Color
R_{YB}	59, 66, 161
Decimal	3883937
CIE _{Lab}	32.96, 26.93, -52.11
CIE _{LCh}	33, 58.655, 297.325
Yxy	7.5173, 0.1955, 0.1435
Android (android.graphics.Color)	4282074017 (0xFF3B43A1)
YUV	75.3240, 42.2383, -14.3161
Hunter-Lab	27.4177, 18.7101, -55.6923

Details

The YUV color **75.3240, 42.2383, -14.3161** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **144.6760, -42.2383, 14.3161**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.2260, 44.2586, -8.9682**, and **26.9870, 39.9394, -23.6676** is the 20% darker color. If you saturate the color by 10%, you get **61.7350, 48.9376, -16.4306**, and if you desaturate by 10%, it is **88.9130, 35.5389, -12.2017**.

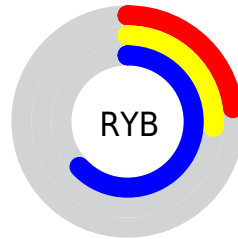
Distribution



Red (23%)

Green (26%)

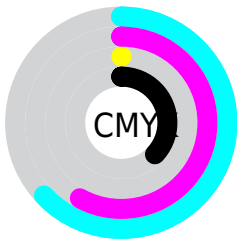
Blue (63%)



Red (23%)

Yellow (26%)

Blue (63%)

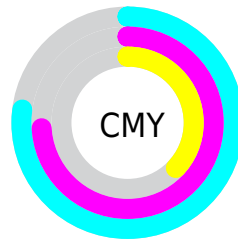


Cyan (63%)

Magenta (58%)

Yellow (0%)

Black (37%)



Cyan (77%)

Magenta (74%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.3240, 42.2383, -14.3161 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 75.3240, 42.2383, -14.3161 by changing the saturation by 10% instead.

■ 75.3240, 42.2383,
-14.3161

■ 75.3240, 42.2383,
-14.3161

■ 255.0000, 0.0000,
0.0000

■ 48.8670, 41.9706,
-21.8084

■ 127.2260, 44.2586,
-8.9682

■ 26.9870, 39.9394,
-23.6676

■ 153.4650, 45.1268,
-7.4238

■ 9.5760, 36.6910,
-8.3982

■ 179.1250, 37.4064,
-4.4946

■ 10.2480, 24.0347,
-8.9875

■ 203.3460, 25.4654,
-1.1804

■ 5.3920, 15.5827,
-4.7288

■ 228.7520, 12.9403,
2.8485

■ 2.0690, 5.3890,
-1.8145

■ 252.6520, 1.1576,

■ 0.0000, 0.0000,

2.0592

0.0000

■ 75.3240, 42.2383,
-14.3161

■ 75.3240, 42.2383,
-14.3161

■ 61.7350, 48.9376,
-16.4306

■ 88.9130, 35.5389,
-12.2017

■ 48.1460, 55.6370,
-18.5450

■ 102.5020, 28.8395,
-10.0873

■ 34.5570, 62.3364,
-20.6595

■ 116.0910, 22.1401,
-7.9728

■ 25.9850, 66.5624,
-22.7888

■ 129.0930, 15.7302,
-5.3436

■ 142.6820, 9.0308,
-3.2291

■ 156.5700, 2.1840,
-0.4999

■ 170.1590, -4.5154,
1.6146

■ 183.7480,
-11.2148, 3.7290

■ 197.3370,
-17.9141, 5.8435

Harmonies

Analogous

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



69.3890, 50.0942, -60.8542



75.3240, 42.2383, -14.3161



74.8710, 26.1926, 45.7171

Triad

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



75.3240, 42.2383, -14.3161



70.8780, -34.9429, 54.4810



64.5600, 3.6679, -56.6191

Complementary

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



75.3240, 42.2383, -14.3161



144.6760, -42.2383, 14.3161

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.



57.5720, -18.0300, -50.4906



75.3240, 42.2383, -14.3161



73.0390, -36.0082, 22.7678

Square

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



75.3240, 42.2383, -14.3161



62.9930, -12.3215, 78.9361



67.2150, -33.1370, -11.5896



70.5050, 23.9080, -61.8329

Rectangle

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



75.3240, 42.2383, -14.3161



63.1690, 17.6647, 74.3968



67.2150, -33.1370, -11.5896



62.7360, -3.3208, -55.0195

Sweetspot

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



75.3240, 42.2383, -14.3161



175.3210, 16.6037, -5.5435



129.5900, 11.5411, -61.9074



84.3230, 10.1938, -2.9143



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



75.3240, 42.2383, -14.3161



75.7570, 65.6888, -22.5889



83.4850, 38.2149, 16.2377



74.6130, 3.6418, -1.4146



22.9870, 60.1524, -20.1596



2.6390, 7.5730, -2.3144

Inverse Universe

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



90.4100, -11.5411, 61.9074



99.0230, -17.7593, 96.4498



136.8140, -38.3623, -15.6229



75.8050, -0.8899, 5.4330



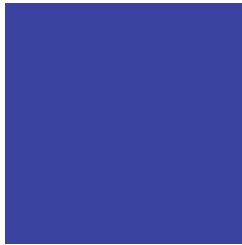
44.6090, -16.5692, 88.0429



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 75.3240, 42.2383, -14.3161 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 75.3240, 42.2383, -14.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

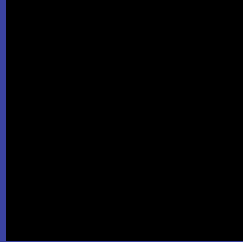
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.3240, 42.2383, -14.3161

Background



This preview shows how black text looks on a background with the YUV color 75.3240, 42.2383, -14.3161.



This preview shows how white text looks on a background with the YUV color 75.3240, 42.2383, -14.3161.

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

75.3240, 42.2383, -14.3161

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

61.9910, 36.9794, -54.3661



Tritanopia

66.0530, 12.7919, -43.0195

Trichromacy



Original Color

75.3240, 42.2383, -14.3161

Protanomaly

66.6690, 45.5192, -40.0517

Deuteranomaly

66.9480, 38.9726, -40.2964

Tritanomaly

69.2790, 23.5265, -32.6937

Monochromacy



Original Color

75.3240, 42.2383, -14.3161

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9790, 15.2934, -5.2436

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3240, 42.2383, -14.3161 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(59, 67, 161)` looks like.

```
.text, #text, p{  
    color:rgb(59, 67, 161)  
}
```

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(59, 67, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 67, 161) }
```

Border

The CSS property to change the border of an element to YUV 75.3240, 42.2383, -14.3161 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(59, 67, 161) }
```


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

```
.border{ border-color:rgb(59, 67, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 67, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 67, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 67, 161);  
box-shadow:4px 4px 4px 4px rgb(59, 67,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 75.3240, 42.2383, -14.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 67, 161) }
```

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

```
.background{ background-color: rgb(59, 67,  
161) }
```

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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