

Converting Colors

YUV(75.6240, 33.7094,
-32.1192)

Have a look what the booklet for
YUV(75.6240, 33.7094, -32.1192)
contains.

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Color

**YUV(75.6240, 33.7094,
-32.1192)**

Conversions

Conversions Part 1

Format	Color
Hex	275190
RGB	39, 81, 144
RGB Percent	15%, 32%, 56%
CMY	0.8471, 0.6824, 0.4353
CMYK	0.73, 0.44, 0.00, 0.44
HSL	216°, 57%, 36%
HSV	216°, 73%, 56%
XYZ	8.8132, 8.3298, 27.5289
YIQ	75.6240, -45.2550, 10.6890

Conversions

Conversions Part 2

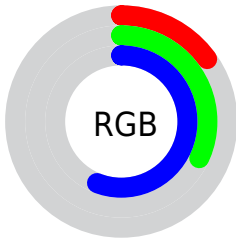
Format	Color
R_YB	39, 69, 144
Decimal	2576784
CIE Lab	34.66, 7.94, -39.12
CIE LCh	35, 39.918, 281.479
Yxy	8.3298, 0.1973, 0.1865
Android (android.graphics.Color)	4280766864 (0xFF275190)
YUV	75.6240, 33.7094, -32.1192
Hunter-Lab	28.8614, 3.9996, -36.3496

Details

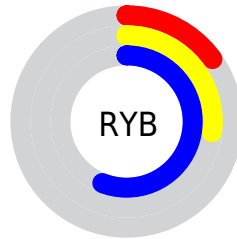
The YUV color **75.6240, 33.7094, -32.1192** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **107.3760, -33.7094, 32.1192**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1840, 34.4193, -26.4714**, and **32.3210, 29.9147, -28.3455** is the 20% darker color. If you saturate the color by 10%, you get **66.1550, 38.3776, -36.0929**, and if you desaturate by 10%, it is **85.0930, 29.0412, -28.1456**.

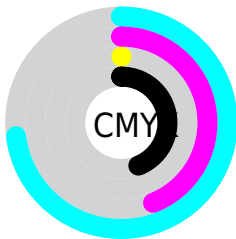
Distribution



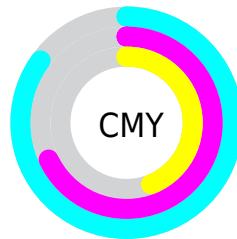
- Red (15%)
- Green (32%)
- Blue (56%)



- Red (15%)
- Yellow (27%)
- Blue (56%)



- Cyan (73%)
- Magenta (44%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (68%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6240, 33.7094, -32.1192 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 75.6240, 33.7094, -32.1192 by changing the saturation by 10% instead.

■ 75.6240, 33.7094,
-32.1192

■ 75.6240, 33.7094,
-32.1192

■ 255.0000, 0.0000,
0.0000

■ 47.4980, 34.7575,
-41.6557

■ 128.1840, 34.4193,
-26.4714

■ 32.3210, 29.9147,
-28.3455

■ 155.1240, 35.4349,
-25.5417

■ 17.8450, 25.2194,
-15.6501

■ 182.5370, 35.7243,
-25.0269

■ 7.5920, 18.9351,
-6.6582

■ 206.7580, 23.7833,
-21.7128

■ 3.3230, 10.1938,
-2.9143

■ 231.8650, 11.4056,
-18.2986

■ 0.0000, 0.0000,
0.0000

■ 250.5150, 2.2111,

-9.2217

■ 75.6240, 33.7094,
-32.1192

■ 75.6240, 33.7094,
-32.1192

■ 66.1550, 38.3776,
-36.0929

■ 85.0930, 29.0412,
-28.1456

■ 56.9740, 42.9038,
-41.1962

■ 94.2740, 24.5149,
-23.0423

■ 50.4620, 46.1142,
-44.2552

■ 103.7430, 19.8467,
-19.0686

■ 113.5110, 15.0311,
-14.4801

■ 122.3930, 10.6523,
-9.9917

■ 131.8620, 5.9840,
-6.0180

■ 141.0430, 1.4578,
-0.9147

■ 150.5120, -3.2104,
3.0590

■ 160.2800, -8.0260,
7.6474

Harmonies

Analogous

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



69.0180, 35.9801, -60.5288



75.6240, 33.7094, -32.1192



84.2230, 22.0751, 12.9594

Triad

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



75.6240, 33.7094, -32.1192



79.6610, -19.0599, 46.7783



62.6050, -1.2843, -54.9046

Complementary

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



75.6240, 33.7094, -32.1192



107.3760, -33.7094, 32.1192

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.



72.0860, -20.7484, -18.4924



75.6240, 33.7094, -32.1192



78.8750, -30.5044, 30.8046

Square

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



75.6240, 33.7094, -32.1192



79.5920, -4.2359, 52.1008



76.1620, -32.6179, 8.6279



67.5410, 12.5513, -59.2335

Rectangle

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



75.6240, 33.7094, -32.1192



83.5800, 14.0111, 32.8173



76.1620, -32.6179, 8.6279



62.9710, -6.3947, -49.0866

Sweetspot

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



75.6240, 33.7094, -32.1192



159.6530, 12.9891, -12.8507



107.8170, -2.8678, -60.3525



78.6060, 7.5892, -7.5475



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



75.6240, 33.7094, -32.1192



79.4380, 52.5351, -50.3731



53.9600, 44.3897, -4.3499



66.5590, 2.1894, -2.2442



47.0880, 43.3406, -41.2962



2.6730, 2.6262, -2.3442

Inverse Universe

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



75.1830, 2.8678, 60.3525



78.5600, 4.6539, 94.2249



129.0400, -44.3897, 4.3499



66.4350, 0.2785, 4.0035



46.5210, 3.6871, 77.5961



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 75.6240, 33.7094, -32.1192 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 75.6240, 33.7094, -32.1192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

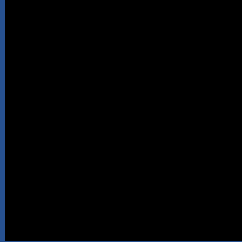
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.6240, 33.7094, -32.1192

Background



This preview shows how black text looks on a background with the YUV color 75.6240, 33.7094, -32.1192.



This preview shows how white text looks on a background with the YUV color 75.6240, 33.7094,

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

75.6240, 33.7094, -32.1192

Protanopia

78.4080, 31.3509, -22.2828

Deuteranopia

72.3240, 35.3363, -40.6261



Tritanopia

63.8880, 16.3242, -56.0298

Trichromacy



Original Color

75.6240, 33.7094, -32.1192

Protanomaly

77.6140, 32.2353, -25.9715

Deuteranomaly

73.8190, 34.5992, -37.5523

Tritanomaly

68.2510, 22.5543, -47.5781

Monochromacy



Original Color

75.6240, 33.7094, -32.1192

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1370, 12.2575, -11.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6240, 33.7094, -32.1192 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(39, 81, 144)` looks like.

```
.text, #text, p{  
    color:rgb(39, 81, 144)  
}
```

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(39, 81, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 81, 144) }
```

Border

The CSS property to change the border of an element to YUV 75.6240, 33.7094, -32.1192 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(39, 81, 144) }
```


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

```
.border{ border-color:rgb(39, 81, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 81, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 81, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 81, 144);  
box-shadow:4px 4px 4px 4px rgb(39, 81,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 75.6240, 33.7094, -32.1192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 81, 144) }
```

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

```
.background{ background-color: rgb(39, 81,  
144) }
```

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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