

Converting Colors

YUV(75.9820, 44.3789, -0.8612)

Have a look what the booklet for
YUV(75.9820, 44.3789, -0.8612)
contains.

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Color

**YUV(75.9820, 44.3789,
-0.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	4B3BA6
RGB	75, 59, 166
RGB Percent	29%, 23%, 65%
CMY	0.7059, 0.7686, 0.3490
CMYK	0.55, 0.64, 0.00, 0.35
HSL	249°, 48%, 44%
HSV	249°, 64%, 65%
XYZ	11.3485, 7.3770, 36.9022
YIQ	75.9820, -24.8110, 36.6690

Conversions

Conversions Part 2

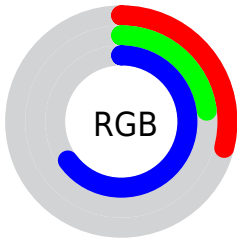
Format	Color
R_{YB}	75, 59, 166
Decimal	4930470
CIE _{Lab}	32.65, 36.51, -55.56
CIE _{LCh}	33, 66.485, 303.309
Yxy	7.3770, 0.2040, 0.1326
Android (android.graphics.Color)	4283120550 (0xFF4B3BA6)
YUV	75.9820, 44.3789, -0.8612
Hunter-Lab	27.1606, 27.0520, -61.5430

Details

The YUV color **75.9820, 44.3789, -0.8612** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **149.0180, -44.3789, 0.8612**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5850, 46.5466, 3.8720**, and **21.6870, 45.0173, -19.0195** is the 20% darker color. If you saturate the color by 10%, you get **61.8170, 51.3622, -0.7165**, and if you desaturate by 10%, it is **90.1470, 37.3955, -1.0059**.

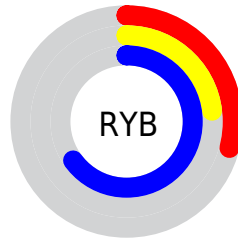
Distribution



Red (29%)

Green (23%)

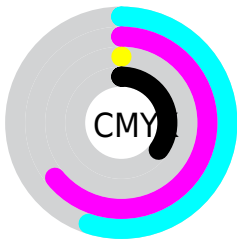
Blue (65%)



Red (29%)

Yellow (23%)

Blue (65%)

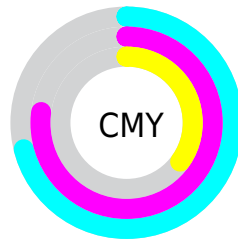


Cyan (55%)

Magenta (64%)

Yellow (0%)

Black (35%)



Cyan (71%)

Magenta (77%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.9820, 44.3789, -0.8612 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 75.9820, 44.3789, -0.8612 by changing the saturation by 10% instead.

■ 75.9820, 44.3789,
-0.8612

■ 75.9820, 44.3789,
-0.8612

■ 255.0000, 0.0000,
0.0000

■ 50.4330, 43.6635,
-4.7647

■ 127.5850, 46.5466,
3.8720

■ 21.6870, 45.0173,
-19.0195

■ 154.5250, 47.5622,
4.8016

■ 10.0320, 38.4382,
-8.7981

■ 178.9140, 37.5104,
8.8454

■ 8.9430, 26.6501,
-7.8430

■ 203.4340, 25.4220,
12.7744

■ 6.4350, 17.0405,
-5.6435

■ 228.8400, 12.8969,
16.8033

■ 2.6390, 7.5730,
-2.3144

■ 247.9560, 3.4727,

■ 0.0000, 0.0000,

6.1776

0.0000

■ 75.9820, 44.3789,
-0.8612

■ 75.9820, 44.3789,
-0.8612

■ 61.8170, 51.3622,
-0.7165

■ 90.1470, 37.3955,
-1.0059

■ 48.2390, 58.0562,
-1.0866

■ 103.7250, 30.7016,
-0.6358

■ 34.0740, 65.0395,
-0.9419

■ 117.8900, 23.7182,
-0.7805

■ 26.3990, 68.8233,
-1.2269

■ 131.4680, 17.0243,
-0.4104

■ 145.9320, 9.8935,
0.0596

■ 160.0970, 2.9102,
-0.0851

■ 173.6750, -3.7838,
0.2850

■ 187.8400,
-10.7671, 0.1403

■ 201.4180,
-17.4611, 0.5104

Harmonies

Analogous

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



69.6970, 56.3514, -61.1243



75.9820, 44.3789, -0.8612



62.2790, 30.9215, 69.0383

Triad

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



75.9820, 44.3789, -0.8612



70.8670, -34.9374, 52.7366



66.1730, 7.3097, -58.0337

Complementary

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



75.9820, 44.3789, -0.8612



149.0180, -44.3789, 0.8612

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.



58.5010, -17.0090, -51.3054



75.9820, 44.3789, -0.8612



72.1090, -35.5497, 15.6904

Square

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



75.9820, 44.3789, -0.8612



52.3860, -14.9803, 91.7465



61.8110, -30.4728, -26.1442



72.8020, 30.1706, -63.8474

Rectangle

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



75.9820, 44.3789, -0.8612



58.2140, 16.1635, 89.2663



61.8110, -30.4728, -26.1442



64.1210, -0.5527, -56.2341

Sweetspot

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



75.9820, 44.3789, -0.8612



182.4680, 17.0243, -0.4104



125.7890, 19.8240, -58.5740



88.1600, 10.7671, -0.1403



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



75.9820, 44.3789, -0.8612



76.5130, 69.2601, -1.3269



91.5300, 36.7137, 31.1072



77.2110, 3.3470, -0.1850



23.4500, 61.4031, -1.2716



3.1770, 8.2937, -0.1552

Inverse Universe

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



101.3670, 23.9761, 56.6831



116.1210, 37.4083, 88.4709



133.4700, -36.7137, -31.1072



79.1900, 1.8783, 4.2184



58.6160, 33.2203, 78.3898



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 75.9820, 44.3789, -0.8612 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 75.9820, 44.3789, -0.8612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

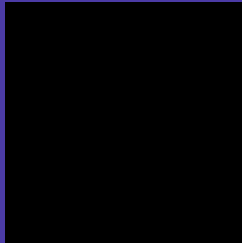
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.9820, 44.3789, -0.8612

Background



This preview shows how black text looks on a background with the YUV color 75.9820, 44.3789, -0.8612.



This preview shows how white text looks on a background with the YUV color 75.9820, 44.3789,

-0.8612.

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

75.9820, 44.3789, -0.8612

Protanopia

61.3360, 47.1624, -53.7917

Deuteranopia

61.7630, 36.1058, -54.1662



Tritanopia

72.6320, 8.0694, -21.6023

Trichromacy



Original Color

75.9820, 44.3789, -0.8612

Protanomaly

66.8160, 45.9397, -34.9186

Deuteranomaly

66.9810, 38.9564, -35.0633

Tritanomaly

74.1180, 21.1408, -14.1355

Monochromacy



Original Color

75.9820, 44.3789, -0.8612

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2400, 16.1507, -0.2105

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9820, 44.3789, -0.8612 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(75, 59, 166)` looks like.

```
.text, #text, p{  
    color:rgb(75, 59, 166)  
}
```

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(75, 59, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 59, 166) }
```

Border

The CSS property to change the border of an element to YUV 75.9820, 44.3789, -0.8612 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(75, 59, 166) }
```


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

```
.border{ border-color:rgb(75, 59, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 59, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 59, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 59, 166);  
box-shadow:4px 4px 4px 4px rgb(75, 59,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 75.9820, 44.3789, -0.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 59, 166) }
```

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

```
.background{ background-color: rgb(75, 59,  
166) }
```

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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