

Converting Colors

YUV(75.5350, 55.9382, 24.9638)

Have a look what the booklet for
YUV(75.5350, 55.9382, 24.9638)
contains.

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Color

**YUV(75.5350, 55.9382,
24.9638)**

Conversions

Conversions Part 1

Format	Color
Hex	6827BD
RGB	104, 39, 189
RGB Percent	41%, 15%, 74%
CMY	0.5922, 0.8471, 0.2588
CMYK	0.45, 0.79, 0.00, 0.26
HSL	266°, 66%, 45%
HSV	266°, 79%, 74%
XYZ	15.6197, 8.0682, 48.8782
YIQ	75.5350, -9.4100, 60.4300

Conversions

Conversions Part 2

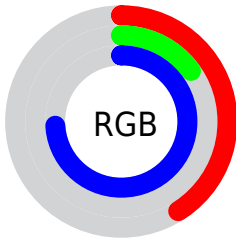
Format	Color
RYB	104, 39, 189
Decimal	6825917
CIELab	34.12, 57.82, -66.72
CIElCh	34, 88.284, 310.913
Yxy	8.0682, 0.2152, 0.1112
Android (android.graphics.Color)	4285015997 (0xFF6827BD)
YUV	75.5350, 55.9382, 24.9638
Hunter-Lab	28.4046, 48.4494, -82.1420

Details

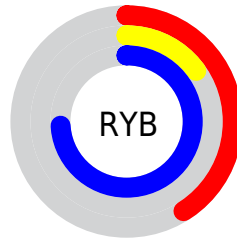
The YUV color **75.5350, 55.9382, 24.9638** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **152.4650, -55.9382, -24.9638**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4860, 56.9484, 27.6378**, and **27.5350, 52.4872, 11.8088** is the 20% darker color. If you saturate the color by 10%, you get **61.0930, 63.0582, 27.9824**, and if you desaturate by 10%, it is **89.9770, 48.8183, 21.9452**.

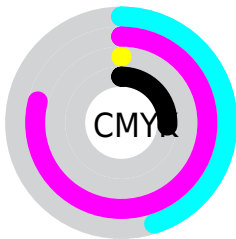
Distribution



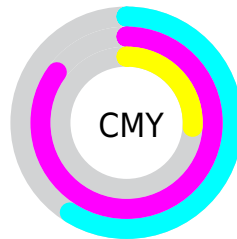
- Red (41%)
- Green (15%)
- Blue (74%)



- Red (41%)
- Yellow (15%)
- Blue (74%)



- Cyan (45%)
- Magenta (79%)
- Yellow (0%)
- Black (26%)



- Cyan (59%)
- Magenta (85%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5350, 55.9382, 24.9638 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 75.5350, 55.9382, 24.9638 by changing the saturation by 10% instead.

75.5350, 55.9382,
24.9638

75.5350, 55.9382,
24.9638

255.0000, 0.0000,
0.0000

42.8280, 58.2588,
27.3378

130.4860, 56.9484,
27.6378

27.5350, 52.4872,
11.8088

156.3310, 48.6438,
31.2817

12.3120, 47.1742,
-10.7976

180.8510, 36.5555,
35.2107

9.4620, 36.2542,
-8.2982

205.9690, 24.1723,
40.3692

10.2480, 24.0347,
-8.9875

223.8890, 15.3377,
27.2843

5.2780, 15.1459,
-4.6288

240.3250, 7.2348,

1.3680, 5.2416,

12.8700

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 75.5350, 55.9382,
24.9638

■ 75.5350, 55.9382,
24.9638

■ 61.0930, 63.0582,
27.9824

■ 89.9770, 48.8183,
21.9452

■ 46.9500, 70.0307,
31.6158

■ 104.1200, 41.8458,
18.3118

■ 46.0640, 70.4674,
31.5159

■ 118.5620, 34.7259,
15.2931

■ 133.0040, 27.6060,
12.2745

■ 147.4460, 20.4861,
9.2559

■ 161.0020, 13.8030,
6.1372

■ 175.4440, 6.6831,
3.1186

■ 189.8860, -0.4368,
0.1000

■ 204.0290, -7.4093,
-3.5334

Harmonies

Analogous

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



74.7300, 73.0971, -65.5382



75.5350, 55.9382, 24.9638



67.2160, 29.9665, 95.4036

Triad

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



75.5350, 55.9382, 24.9638



74.6990, -36.8266, 52.0070



73.6050, 15.4777, -64.5516

Complementary

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



75.5350, 55.9382, 24.9638



152.4650, -55.9382, -24.9638

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.



63.7670, -17.1401, -55.9237



75.5350, 55.9382, 24.9638



72.9070, -35.9432, 1.8356

Square

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



75.5350, 55.9382, 24.9638



52.6240, -25.9436, 108.2008



57.5260, -28.3603, -50.4503



81.9440, 44.8906, -71.8649

Rectangle

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



75.5350, 55.9382, 24.9638



66.7560, 7.5153, 109.8390



57.5260, -28.3603, -50.4503



70.2820, 5.2840, -61.6373

Sweetspot

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



75.5350, 55.9382, 24.9638



200.5000, 21.9385, 10.0855



105.9950, 40.9215, -58.7546



95.4750, 13.0768, 5.7224



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



75.5350, 55.9382, 24.9638



68.7610, 86.8858, 38.7976



97.9600, 44.8827, 71.0721



87.2220, 3.3416, 1.5593



38.6430, 58.8430, 26.6231



7.4210, 11.6244, 4.8928

Inverse Universe

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



93.5400, 15.0168, 83.7184



96.7150, 23.3115, 130.0459



130.0400, -44.8827, -71.0721



88.2610, 0.8573, 5.0331



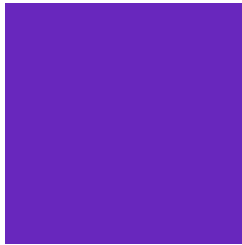
57.5020, 16.0215, 88.1367



11.2070, 2.8559, 17.3585

Previews

White Background



This preview shows how the YUV color 75.5350, 55.9382, 24.9638 looks on a white background.

Color Contrast Check

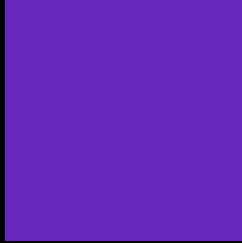
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.5350, 55.9382, 24.9638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

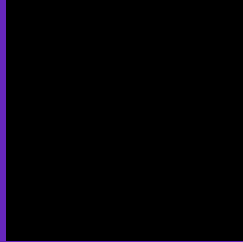
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5350, 55.9382, 24.9638

Background



This preview shows how black text looks on a background with the YUV color 75.5350, 55.9382, 24.9638.



This preview shows how white text looks on a background with the YUV color 75.5350, 55.9382,

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

75.5350, 55.9382, 24.9638

Protanopia

64.4820, 49.0624, -56.5507

Deuteranopia

64.7950, 37.5691, -56.8252



Tritanopia

80.4990, 3.2050, -1.3146

Trichromacy



Original Color

75.5350, 55.9382, 24.9638

Protanomaly

68.6520, 51.4436, -26.8818

Deuteranomaly

68.7030, 44.0234, -26.9265

Tritanomaly

78.6030, 22.3807, 8.2412

Monochromacy



Original Color

75.5350, 55.9382, 24.9638

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0330, 20.1967, 8.7411

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5350, 55.9382, 24.9638 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(104, 39, 189)` looks like.

```
.text, #text, p{  
    color:rgb(104, 39, 189)  
}
```

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(104, 39, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 39, 189) }
```

Border

The CSS property to change the border of an element to YUV 75.5350, 55.9382, 24.9638 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(104, 39, 189) }
```


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

```
.border{ border-color:rgb(104, 39, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 39, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 39, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 39, 189);  
box-shadow:4px 4px 4px 4px rgb(104, 39,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 75.5350, 55.9382, 24.9638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 39, 189) }
```

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

```
.background{ background-color: rgb(104, 39,  
189) }
```

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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