

Converting Colors

YUV(75.8810, 24.2157, 26.4144)

Have a look what the booklet for
YUV(75.8810, 24.2157, 26.4144)
contains.

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Color

**YUV(75.8810, 24.2157,
26.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	6A337D
RGB	106, 51, 125
RGB Percent	42%, 20%, 49%
CMY	0.5843, 0.8000, 0.5098
CMYK	0.15, 0.59, 0.00, 0.51
HSL	285°, 42%, 35%
HSV	285°, 59%, 49%
XYZ	10.8294, 6.9125, 20.1655
YIQ	75.8810, 9.0260, 34.6740

Conversions

Conversions Part 2

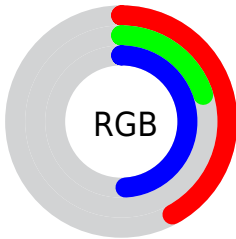
Format	Color
RYB	106, 51, 125
Decimal	6959997
CIELab	31.61, 37.19, -31.92
CIELCh	32, 49.014, 319.362
Yxy	6.9125, 0.2857, 0.1824
Android (android.graphics.Color)	4285150077 (0xFF6A337D)
YUV	75.8810, 24.2157, 26.4144
Hunter-Lab	26.2916, 27.5127, -27.0709

Details

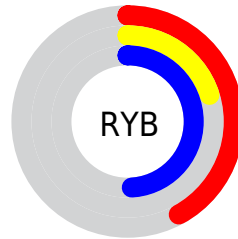
The YUV color **75.8810, 24.2157, 26.4144** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.1190, -24.2157, -26.4144**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5330, 25.3732, 28.4736**, and **25.2940, 24.5051, 26.9292** is the 20% darker color. If you saturate the color by 10%, you get **67.9400, 28.1306, 30.7476**, and if you desaturate by 10%, it is **84.4090, 20.0114, 21.5663**.

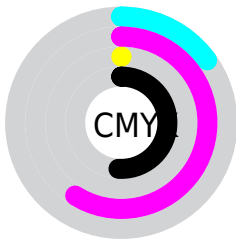
Distribution



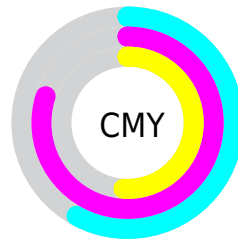
- Red (42%)
- Green (20%)
- Blue (49%)



- Red (42%)
- Yellow (20%)
- Blue (49%)



- Cyan (15%)
- Magenta (59%)
- Yellow (0%)
- Black (51%)



- Cyan (58%)
- Magenta (80%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8810, 24.2157, 26.4144 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 75.8810, 24.2157, 26.4144 by changing the saturation by 10% instead.

■ 75.8810, 24.2157,
26.4144

■ 75.8810, 24.2157,
26.4144

■ 255.0000, 0.0000,
0.0000

■ 51.1690, 24.0737,
25.2848

■ 126.5330, 25.3732,
28.4736

■ 25.2940, 24.5051,
26.9292

■ 153.3590, 25.9520,
29.5032

■ 16.5070, 17.9910,
16.2184

■ 180.7720, 26.2414,
30.0180

■ 4.0070, 12.8145,
-3.5141

■ 207.6860, 23.3258,
31.8474

■ 0.1140, 0.4368,
-0.1000

■ 227.4110, 13.6014,
24.1956

■ 0.0000, 0.0000,
0.0000

■ 243.8470, 5.4984,

9.7812

■ 75.8810, 24.2157,
26.4144

■ 75.8810, 24.2157,
26.4144

■ 67.9400, 28.1306,
30.7476

■ 84.4090, 20.0114,
21.5663

■ 59.4120, 32.3349,
35.5957

■ 92.3500, 16.0965,
17.2331

■ 51.1720, 36.3972,
39.3142

■ 101.1770, 11.7447,
12.9998

■ 42.6440, 40.6015,
44.1622

■ 109.1180, 7.8298,
8.6665

■ 42.0570, 40.8909,
44.6770

■ 117.6460, 3.6255,
3.8185

■ 125.5870, -0.2894,
-0.5148

■ 134.1150, -4.4937,
-5.3629

■ 142.3550, -8.5560,
-9.0813

■ 150.8830,
-12.7603, -13.9294

Harmonies

Analogous

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



68.7260, 39.0821, -28.7007



75.8810, 24.2157, 26.4144



69.4090, 10.1514, 57.5233

Triad

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



75.8810, 24.2157, 26.4144



70.4140, -34.7141, 27.7009



64.7030, 16.9084, -56.7445

Complementary

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



75.8810, 24.2157, 26.4144



100.1190, -24.2157, -26.4144

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.



59.5560, -0.2741, -52.2306



75.8810, 24.2157, 26.4144



67.2920, -33.1750, 0.6209

Square

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



75.8810, 24.2157, 26.4144



69.2180, -27.2225, 51.5518



55.2140, -18.3465, -42.2837



67.2910, 31.9015, -59.0142

Rectangle

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



75.8810, 24.2157, 26.4144



65.8910, -0.9323, 65.8706



55.2140, -18.3465, -42.2837



63.2210, 11.2300, -55.4448

Sweetspot

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



75.8810, 24.2157, 26.4144



143.8840, 9.4242, 10.6257



71.1760, 26.5352, -17.6944



69.9390, 5.9461, 6.1925



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



75.8810, 24.2157, 26.4144



85.9380, 37.9916, 41.2734



79.6240, 13.9894, 39.7948



59.2930, 2.3206, 2.3740



42.9970, 41.9065, 45.6066



0.0000, 0.0000, 0.0000

Inverse Universe

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



75.2920, -2.6090, 43.5939



85.1040, -3.9953, 68.3148



96.3760, -13.9894, -39.7948



59.3210, -0.1583, 4.1035



42.0340, -4.4538, 75.3922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 75.8810, 24.2157, 26.4144 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

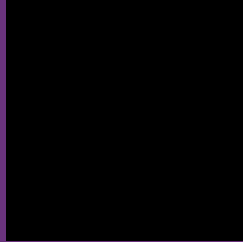
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8810, 24.2157, 26.4144

Background



This preview shows how black text looks on a background with the YUV color 75.8810, 24.2157, 26.4144.



This preview shows how white text looks on a background with the YUV color 75.8810, 24.2157,

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

75.8810, 24.2157, 26.4144

Protanopia

68.7640, 38.0773, -33.1190

Deuteranopia

72.0570, 23.6359, -21.0980



Tritanopia

76.1380, -2.5330, 19.1730

Trichromacy



Original Color

75.8810, 24.2157, 26.4144

Protanomaly

71.2290, 32.9181, -11.6018

Deuteranomaly

73.2810, 24.0185, -3.7544

Tritanomaly

76.3800, 7.2077, 21.5917

Monochromacy



Original Color

75.8810, 24.2157, 26.4144

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0580, 8.8454, 9.5961

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8810, 24.2157, 26.4144 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(106, 51, 125)` looks like.

```
.text, #text, p{  
    color:rgb(106, 51, 125)  
}
```

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(106, 51, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 51, 125) }
```

Border

The CSS property to change the border of an element to YUV 75.8810, 24.2157, 26.4144 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(106, 51, 125) }
```


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

```
.border{ border-color:rgb(106, 51, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 51, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 51, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 51, 125); box-shadow:4px 4px 4px 4px rgb(106, 51, 125) }
```

Background

The CSS property to change the background color of an element to YUV 75.8810, 24.2157, 26.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 51, 125) }
```

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

```
.background{ background-color: rgb(106, 51,  
125) }
```

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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