

Converting Colors

YUV(73.7760, 43.4944, 2.8274)

Have a look what the booklet for
YUV(73.7760, 43.4944, 2.8274)
contains.

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Color

**YUV(73.7760, 43.4944,
2.8274)**

Conversions

Conversions Part 1

Format	Color
Hex	4D37A2
RGB	77, 55, 162
RGB Percent	30%, 22%, 64%
CMY	0.6980, 0.7843, 0.3647
CMYK	0.52, 0.66, 0.00, 0.36
HSL	252°, 49%, 43%
HSV	252°, 66%, 64%
XYZ	10.9483, 6.9188, 34.9408
YIQ	73.7760, -21.2350, 37.9410

Conversions

Conversions Part 2

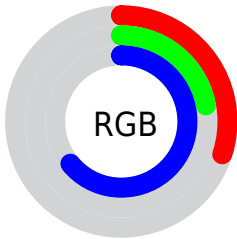
Format	Color
R _Y B	77, 55, 162
Decimal	5060514
CIE Lab	31.62, 38.02, -54.82
CIE LCh	32, 66.712, 304.740
Yxy	6.9188, 0.2073, 0.1310
Android (android.graphics.Color)	4283250594 (0xFF4D37A2)
YUV	73.7760, 43.4944, 2.8274
Hunter-Lab	26.3036, 28.2657, -60.3464

Details

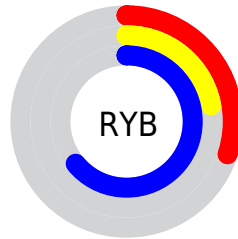
The YUV color **73.7760, 43.4944, 2.8274** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **143.2240, -43.4944, -2.8274**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0800, 45.8096, 6.9458**, and **19.5030, 44.1220, -11.8421** is the 20% darker color. If you saturate the color by 10%, you get **60.4970, 50.0410, 3.0721**, and if you desaturate by 10%, it is **87.0550, 36.9479, 2.5828**.

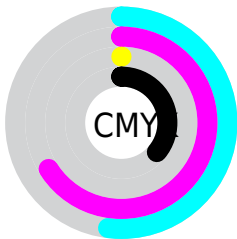
Distribution



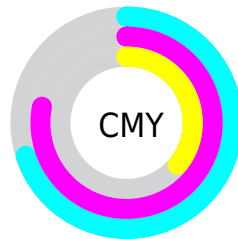
- Red (30%)
- Green (22%)
- Blue (64%)



- Red (30%)
- Yellow (22%)
- Blue (64%)



- Cyan (52%)
- Magenta (66%)
- Yellow (0%)
- Black (36%)



- Cyan (70%)
- Magenta (78%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7760, 43.4944, 2.8274 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 73.7760, 43.4944, 2.8274 by changing the saturation by 10% instead.

■ 73.7760, 43.4944,
2.8274

■ 73.7760, 43.4944,
2.8274

■ 255.0000, 0.0000,
0.0000

■ 48.2270, 42.7791,
-1.0761

■ 125.0800, 45.8096,
6.9458

■ 19.5030, 44.1220,
-11.8421

■ 152.0200, 46.8251,
7.8755

■ 9.5760, 36.6910,
-8.3982

■ 176.8650, 38.5206,
11.5194

■ 9.1880, 25.0503,
-8.0579

■ 201.3850, 26.4322,
15.4484

■ 5.3920, 15.5827,
-4.7288

■ 226.7910, 13.9070,
19.4773

■ 2.1830, 5.8258,
-1.9145

■ 245.6080, 4.6303,

■ 0.0000, 0.0000,

8.2368

0.0000

■ 73.7760, 43.4944,
2.8274

■ 73.7760, 43.4944,
2.8274

■ 60.4970, 50.0410,
3.0721

■ 87.0550, 36.9479,
2.5828

■ 47.2180, 56.5875,
3.3168

■ 100.3340, 30.4013,
2.3381

■ 33.3520, 63.4235,
4.0763

■ 114.2000, 23.5654,
1.5786

■ 28.3350, 65.8968,
4.0912

■ 127.1800, 17.1663,
0.7191

■ 140.4590, 10.6197,
0.4745

■ 153.7380, 4.0732,
0.2298

■ 167.0170, -2.4734,
-0.0149

■ 180.8830, -9.3093,
-0.7744

■ 194.1620,
-15.8559, -1.0191

Harmonies

Analogous

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



67.5940, 55.9092, -59.2799



73.7760, 43.4944, 2.8274



55.5400, 31.7788, 74.0714

Triad

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



73.7760, 43.4944, 2.8274



68.7850, -33.9110, 50.1776



65.1130, 8.3253, -57.1041

Complementary

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



73.7760, 43.4944, 2.8274



143.2240, -43.4944, -2.8274

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.



56.7400, -16.1408, -49.7610



73.7760, 43.4944, 2.8274



69.4400, -34.2339, 13.6461

Square

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



73.7760, 43.4944, 2.8274



49.1580, -15.8539, 91.9464



58.2450, -28.7148, -30.0329



71.0410, 31.0388, -62.3030

Rectangle

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



73.7760, 43.4944, 2.8274



57.0460, 14.2743, 88.5367



58.2450, -28.7148, -30.0329



62.3600, 0.3155, -54.6897

Sweetspot

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



73.7760, 43.4944, 2.8274



176.5930, 17.4557, 1.2339



117.6800, 21.8498, -54.9704



85.7580, 10.4723, 1.0892



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



73.7760, 43.4944, 2.8274



73.6170, 68.2228, 4.7209



89.6230, 35.6819, 35.4106



74.6240, 3.6364, 0.3298



25.5000, 58.9135, 3.9465



3.2480, 7.2727, 0.6595

Inverse Universe

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



96.6830, 21.3553, 57.2830



109.3940, 33.3298, 89.9855



127.3770, -35.6819, -35.4106



76.4890, 1.7309, 4.8331



56.4650, 28.8578, 77.6452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 73.7760, 43.4944, 2.8274 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 73.7760, 43.4944, 2.8274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

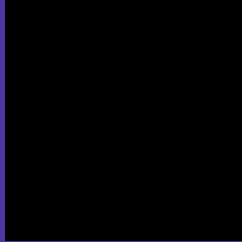
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7760, 43.4944, 2.8274

Background



This preview shows how black text looks on a background with the YUV color 73.7760, 43.4944, 2.8274.



This preview shows how white text looks on a background with the YUV color 73.7760, 43.4944,

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

73.7760, 43.4944, 2.8274

Protanopia

59.5920, 45.5571, -52.2622

Deuteranopia

59.5460, 35.2268, -52.2218



Tritanopia

71.6110, 6.6008, -17.1988

Trichromacy



Original Color

73.7760, 43.4944, 2.8274

Protanomaly

64.8980, 44.9133, -32.3595

Deuteranomaly

64.4760, 38.2193, -31.9895

Tritanomaly

72.2110, 20.1090, -9.8320

Monochromacy



Original Color

73.7760, 43.4944, 2.8274

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8380, 15.8559, 1.0191

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7760, 43.4944, 2.8274 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(77, 55, 162)` looks like.

```
.text, #text, p{  
    color:rgb(77, 55, 162)  
}
```

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(77, 55, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 55, 162) }
```

Border

The CSS property to change the border of an element to YUV 73.7760, 43.4944, 2.8274 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(77, 55, 162) }
```


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

```
.border{ border-color:rgb(77, 55, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 55, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 55, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 55, 162);  
box-shadow:4px 4px 4px 4px rgb(77, 55,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 73.7760, 43.4944, 2.8274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 55, 162) }
```

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

```
.background{ background-color: rgb(77, 55,  
162) }
```

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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