

Converting Colors

YUV(43.3900, 25.4437, 5.7970)

Have a look what the booklet for
YUV(43.3900, 25.4437, 5.7970)
contains.

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Color

**YUV(43.3900, 25.4437,
5.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	321E5F
RGB	50, 30, 95
RGB Percent	20%, 12%, 37%
CMY	0.8039, 0.8824, 0.6275
CMYK	0.47, 0.68, 0.00, 0.63
HSL	258°, 52%, 25%
HSV	258°, 68%, 37%
XYZ	3.8452, 2.4329, 11.0934
YIQ	43.3900, -8.9450, 24.4550

Conversions

Conversions Part 2

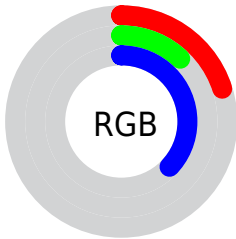
Format	Color
R_{YB}	50, 30, 95
Decimal	3284575
CIE _{Lab}	17.61, 26.76, -35.46
CIE _{LCh}	18, 44.426, 307.046
Yxy	2.4329, 0.2214, 0.1401
Android (android.graphics.Color)	4281474655 (0xFF321E5F)
YUV	43.3900, 25.4437, 5.7970
Hunter-Lab	15.5977, 16.7088, -31.2499

Details

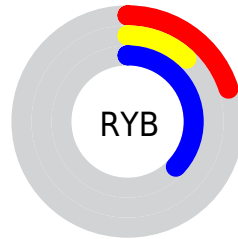
The YUV color **43.3900, 25.4437, 5.7970** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **81.6100, -25.4437, -5.7970**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.5690, 27.3275, 8.2710**, and **5.4720, 20.9663, -4.7989** is the 20% darker color. If you saturate the color by 10%, you get **36.0140, 29.0801, 6.1267**, and if you desaturate by 10%, it is **51.3530, 21.5180, 4.9524**.

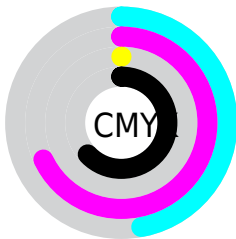
Distribution



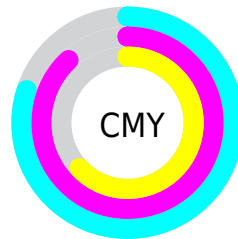
- Red (20%)
- Green (12%)
- Blue (37%)



- Red (20%)
- Yellow (12%)
- Blue (37%)



- Cyan (47%)
- Magenta (68%)
- Yellow (0%)
- Black (63%)



- Cyan (80%)
- Magenta (88%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.3900, 25.4437, 5.7970 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 43.3900, 25.4437, 5.7970 by changing the saturation by 10% instead.

■ 43.3900, 25.4437,
5.7970

■ 43.3900, 25.4437,
5.7970

■ 255.0000, 0.0000,
0.0000

■ 20.5530, 24.8704,
3.0230

■ 90.5690, 27.3275,
8.2710

■ 5.4720, 20.9663,
-4.7989

■ 115.8080, 28.1957,
9.8154

■ 3.5510, 11.0674,
-3.1142

■ 142.0360, 29.0693,
9.6154

■ 0.0000, 0.0000,
0.0000

■ 168.8620, 29.6480,
10.6450

■ 195.4600, 29.3532,
11.8746

■ 220.5670, 16.9755,

15.2887

242.0860, 6.3666,
11.3256

43.3900, 25.4437,
5.7970

43.3900, 25.4437,
5.7970

36.0140, 29.0801,
6.1267

51.3530, 21.5180,
4.9524

28.3500, 32.8585,
7.5860

58.4300, 18.0290,
4.0079

20.9740, 36.4948,
7.9158

66.3930, 14.1033,
3.1633

19.5010, 37.2210,
8.3306

73.4700, 10.6143,
2.2188

81.4330, 6.6885,
1.3743

■ 88.5100, 3.1996,
0.4297

■ 96.4730, -0.7262,
-0.4148

■ 103.8490, -4.3626,
-0.7446

■ 111.5130, -8.1409,
-2.2039

Harmonies

Analogous

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



38.7270, 34.1516, -33.9636



43.3900, 25.4437, 5.7970



35.0420, 16.7413, 43.8132

Triad

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



43.3900, 25.4437, 5.7970



40.9100, -20.1686, 29.0199



38.5720, 5.6340, -33.8276

Complementary

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



43.3900, 25.4437, 5.7970



81.6100, -25.4437, -5.7970

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.



34.1090, -8.9277, -29.9136



43.3900, 25.4437, 5.7970



40.1800, -19.8087, 6.8581

Square

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



43.3900, 25.4437, 5.7970



32.3180, -15.4398, 52.3411



33.2260, -16.3804, -19.4922



42.1060, 19.1747, -36.9270

Rectangle

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



43.3900, 25.4437, 5.7970



33.8770, 6.9626, 53.6049



33.2260, -16.3804, -19.4922



37.3180, 0.8292, -32.7279

Sweetspot

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



43.3900, 25.4437, 5.7970



102.2420, 9.7407, 2.4188



64.4120, 15.0799, -30.1793



49.2050, 5.8149, 1.5742



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



43.3900, 25.4437, 5.7970



42.6690, 39.1102, 9.0603



52.9580, 20.7267, 25.4698



44.7550, 1.5998, 0.2149



23.2330, 43.7621, 10.3197



49.4860, 93.9234, 21.4988

Inverse Universe

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



54.5650, 10.0745, 35.4615



59.8800, 15.8352, 54.4792



72.0420, -20.7267, -25.4698



45.5380, 0.7208, 2.1592



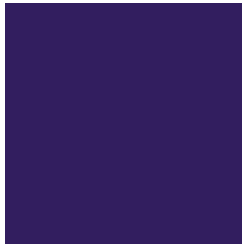
42.3800, 17.5607, 61.0567



90.6840, 37.1308, 130.9501

Previews

White Background



This preview shows how the YUV color 43.3900, 25.4437, 5.7970 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 43.3900, 25.4437, 5.7970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

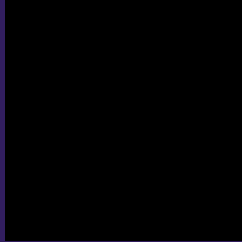
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.3900, 25.4437, 5.7970

Background



This preview shows how black text looks on a background with the YUV color 43.3900, 25.4437, 5.7970.



This preview shows how white text looks on a background with the YUV color 43.3900, 25.4437,

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

43.3900, 25.4437, 5.7970

Protanopia

34.8000, 26.7206, -30.5196

Deuteranopia

35.1930, 20.6109, -30.8643



Tritanopia

43.0640, 2.9264, -5.3181

Trichromacy



Original Color

43.3900, 25.4437, 5.7970

Protanomaly

38.0620, 26.0984, -17.5944

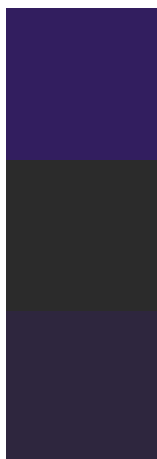
Deuteranomaly

38.4380, 22.4621, -17.9241

Tritanomaly

43.5620, 11.0619, -1.3699

Monochromacy



Original Color

43.3900, 25.4437, 5.7970

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.1280, 9.3039, 2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.3900, 25.4437, 5.7970 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(50, 30, 95)` looks like.

```
.text, #text, p{  
    color:rgb(50, 30, 95)  
}
```

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(50, 30, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 30, 95) }
```

Border

The CSS property to change the border of an element to YUV 43.3900, 25.4437, 5.7970 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(50, 30, 95) }
```


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

```
.border{ border-color:rgb(50, 30, 95) }
```

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

Here you see how a box with a 4 pixel rgb(50, 30, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 30, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 30, 95);  
box-shadow:4px 4px 4px 4px rgb(50, 30, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.3900, 25.4437, 5.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 30, 95) }
```

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

```
.background{ background-color: rgb(50, 30,  
95) }
```

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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