

Converting Colors

YUV(43.8860, 39.9892, 7.1160)

Have a look what the booklet for
YUV(43.8860, 39.9892, 7.1160)
contains.

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Color

**YUV(43.8860, 39.9892,
7.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	34187D
RGB	52, 24, 125
RGB Percent	20%, 9%, 49%
CMY	0.7961, 0.9059, 0.5098
CMYK	0.58, 0.81, 0.00, 0.51
HSL	257°, 68%, 29%
HSV	257°, 81%, 49%
XYZ	5.4445, 2.8640, 19.6679
YIQ	43.8860, -15.7330, 37.3470

Conversions

Conversions Part 2

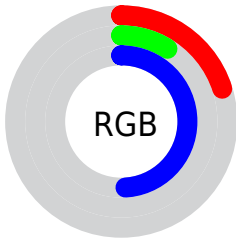
Format	Color
R _{YB}	52, 24, 125
Decimal	3414141
CIE Lab	19.49, 39.76, -51.87
CIE LCh	19, 65.355, 307.477
Yxy	2.8640, 0.1946, 0.1024
Android (android.graphics.Color)	4281604221 (0xFF34187D)
YUV	43.8860, 39.9892, 7.1160
Hunter-Lab	16.9234, 27.8100, -57.0589

Details

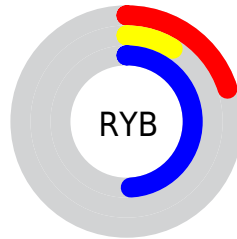
The YUV color **43.8860, 39.9892, 7.1160** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **105.1140, -39.9892, -7.1160**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.3750, 41.7201, 11.9491**, and **8.5500, 32.7599, -7.4984** is the 20% darker color. If you saturate the color by 10%, you get **34.1510, 44.7886, 7.7606**, and if you desaturate by 10%, it is **54.2080, 34.9005, 5.9566**.

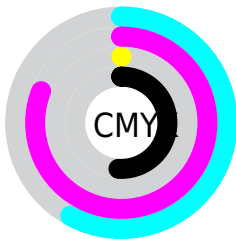
Distribution



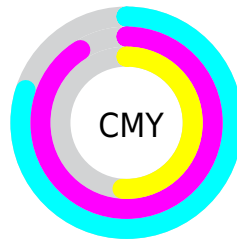
- Red (20%)
- Green (9%)
- Blue (49%)



- Red (20%)
- Yellow (9%)
- Blue (49%)



- Cyan (58%)
- Magenta (81%)
- Yellow (0%)
- Black (51%)



- Cyan (80%)
- Magenta (91%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.8860, 39.9892, 7.1160 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 43.8860, 39.9892, 7.1160 by changing the saturation by 10% instead.

■ 43.8860, 39.9892,
7.1160

■ 43.8860, 39.9892,
7.1160

■ 255.0000, 0.0000,
0.0000

■ 17.5540, 40.1529,
1.2681

■ 94.3750, 41.7201,
11.9491

■ 8.5500, 32.7599,
-7.4984

■ 120.3150, 42.7357,
12.8787

■ 8.1620, 21.1191,
-7.1581

■ 146.5540, 43.6039,
14.4231

■ 4.4800, 12.0884,
-3.9290


■ 173.3540, 40.2515,
16.3525


■ 0.0000, 0.0000,
0.0000


■ 197.8740, 28.1631,
20.2815


■ 222.3940, 16.0748,


24.2105


 240.9120, 6.9454,
12.3552


 43.8860, 39.9892,
7.1160


 43.8860, 39.9892,
7.1160


 34.1510, 44.7886,
7.7606


 54.2080, 34.9005,
5.9566

 24.7150, 49.4405,
9.0199

 63.9430, 30.1011,
5.3120

 73.6780, 25.3017,
4.6674

 84.0000, 20.2130,
3.5080

 93.7350, 15.4136,
2.8634

■ 104.0570, 10.3249,
1.7040

■ 114.3790, 5.2362,
0.5446

■ 124.1140, 0.4368,
-0.1000

■ 134.4360, -4.6519,
-1.2594

Harmonies

Analogous

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



47.0540, 48.2874, -41.2664



43.8860, 39.9892, 7.1160



42.2810, 21.0605, 58.5126

Triad

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



43.8860, 39.9892, 7.1160



43.0360, -21.2167, 38.5564



44.2940, 7.2501, -38.8458

Complementary

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



43.8860, 39.9892, 7.1160



105.1140, -39.9892, -7.1160

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.



36.7360, -16.6318, -32.2175



43.8860, 39.9892, 7.1160



44.0010, -21.6925, 4.3841

Square

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



43.8860, 39.9892, 7.1160



34.0860, -16.8044, 70.0846



34.6330, -17.0741, -30.3731



49.5380, 27.3428, -43.4448

Rectangle

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



43.8860, 39.9892, 7.1160



42.6340, 5.6034, 69.6040



34.6330, -17.0741, -30.3731



41.7690, 0.1139, -36.6314

Sweetspot

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



43.8860, 39.9892, 7.1160



131.7350, 15.4136, 2.8634



78.9520, 22.7017, -48.1929



62.5300, 9.5987, 1.2892



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.



43.8860, 39.9892, 7.1160



36.1680, 62.5282, 11.2537



58.5370, 32.7663, 37.2401



58.3960, 2.7628, 0.5297



25.0570, 50.7509, 8.7200



0.0000, 0.0000, 0.0000

Inverse Universe

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



62.5210, 16.9981, 54.7941



65.2380, 26.5047, 85.7373



90.4630, -32.7663, -37.2401



59.6630, 1.1521, 3.8035



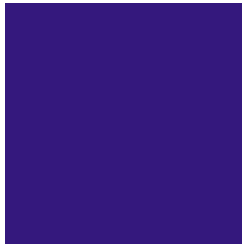
48.7600, 21.3173, 69.4935



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 43.8860, 39.9892, 7.1160 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 43.8860, 39.9892, 7.1160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

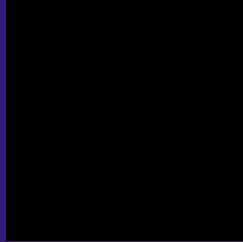
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.8860, 39.9892, 7.1160

Background



This preview shows how black text looks on a background with the YUV color 43.8860, 39.9892, 7.1160.



This preview shows how white text looks on a background with the YUV color 43.8860, 39.9892,

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

43.8860, 39.9892, 7.1160

Protanopia

38.7610, 29.2048, -33.9934

Deuteranopia

38.9260, 22.2215, -34.1381



Tritanopia

43.8990, 6.4588, -18.3284

Trichromacy



Original Color

43.8860, 39.9892, 7.1160

Protanomaly

40.8860, 33.0872, -19.1940

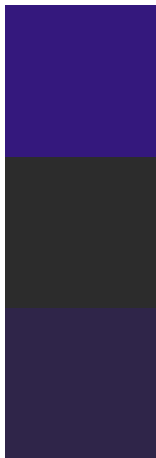
Deuteranomaly

41.0340, 28.5772, -19.3238

Tritanomaly

44.1680, 18.6512, -8.9173

Monochromacy



Original Color

43.8860, 39.9892, 7.1160

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.0940, 14.2507, 2.5486

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.8860, 39.9892, 7.1160 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(52, 24, 125)` looks like.

```
.text, #text, p{  
    color:rgb(52, 24, 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(52, 24, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 24, 125) }
```

Border

The CSS property to change the border of an element to YUV 43.8860, 39.9892, 7.1160 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(52, 24, 125) }
```


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

```
.border{ border-color:rgb(52, 24, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 24, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 24, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 24, 125);  
box-shadow:4px 4px 4px 4px rgb(52, 24,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 43.8860, 39.9892, 7.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 24, 125) }
```

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

```
.background{ background-color: rgb(52, 24,  
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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