

Converting Colors

YUV(43.6900, 30.7188, 40.6139)

Have a look what the booklet for
YUV(43.6900, 30.7188, 40.6139)
contains.

YUV(43.6900, 30.7188, 40.6139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(43.6900, 30.7188,
40.6139)**

Conversions

Conversions Part 1

Format	Color
Hex	5A086A
RGB	90, 8, 106
RGB Percent	35%, 3%, 42%
CMY	0.6471, 0.9686, 0.5843
CMYK	0.15, 0.92, 0.00, 0.58
HSL	290°, 86%, 22%
HSV	290°, 92%, 42%
XYZ	6.9048, 3.3879, 13.9257
YIQ	43.6900, 17.4140, 47.8620

Conversions

Conversions Part 2

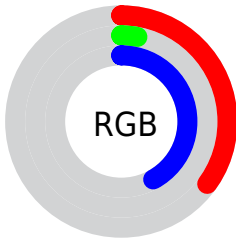
Format	Color
RYB	90, 8, 106
Decimal	5900394
CIELab	21.53, 46.84, -36.05
CIELCh	22, 59.107, 322.416
Yxy	3.3879, 0.2851, 0.1399
Android (android.graphics.Color)	4284090474 (0xFF5A086A)
YUV	43.6900, 30.7188, 40.6139
Hunter-Lab	18.4063, 34.7499, -31.9726

Details

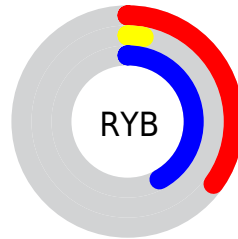
The YUV color **43.6900, 30.7188, 40.6139** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **70.3100, -30.7188, -40.6139**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.5110, 28.8351, 38.1399**, and **19.1700, 19.1432, 20.0219** is the 20% darker color. If you saturate the color by 10%, you get **38.6950, 33.1814, 44.1175**, and if you desaturate by 10%, it is **50.7450, 27.2407, 36.1806**.

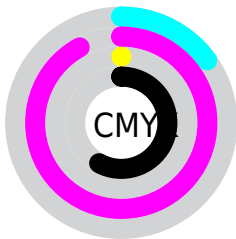
Distribution



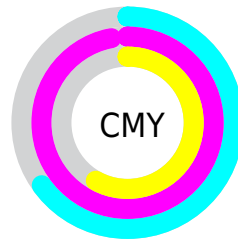
- Red (35%)
- Green (3%)
- Blue (42%)



- Red (35%)
- Yellow (3%)
- Blue (42%)



- Cyan (15%)
- Magenta (92%)
- Yellow (0%)
- Black (58%)



- Cyan (65%)
- Magenta (97%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.6900, 30.7188, 40.6139 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 43.6900, 30.7188, 40.6139 by changing the saturation by 10% instead.

43.6900, 30.7188,
40.6139

43.6900, 30.7188,
40.6139

255.0000, 0.0000,
0.0000

28.3700, 25.9466,
31.2475

99.5110, 28.8351,
38.1399

19.1700, 19.1432,
20.0219

126.2230, 28.9771,
39.2694

4.2890, 15.1405,
-2.8845

153.0490, 29.5558,
40.2990

1.1400, 4.3680,
-0.9998


180.2880, 30.4240,
41.8434


0.0000, 0.0000,
0.0000


206.2790, 24.0195,
42.7283


222.7150, 15.9165,


28.3139


 239.1510, 7.8136,
13.8996


 43.6900, 30.7188,
40.6139


 43.6900, 30.7188,
40.6139


 38.6950, 33.1814,
44.1175

 50.7450, 27.2407,
36.1806

 56.9140, 24.1994,
31.6474

 63.9690, 20.7213,
27.2142

 70.4370, 17.5326,
23.2958

 77.4920, 14.0544,
18.8625

■ 84.2480, 10.7237,
13.8145

■ 90.7160, 7.5350,
9.8961

■ 97.7710, 4.0569,
5.4628

■ 104.2390, 0.8682,
1.5444

Harmonies

Analogous

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



42.3920, 45.6557, -37.1778



43.6900, 30.7188, 40.6139



42.9910, 10.8504, 66.6599

Triad

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



43.6900, 30.7188, 40.6139



49.1280, -24.2201, 21.8127



49.4920, 17.0124, -43.4045

Complementary

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



43.6900, 30.7188, 40.6139



70.3100, -30.7188, -40.6139

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.



43.7750, -2.3541, -38.3907



43.6900, 30.7188, 40.6139



44.2010, -21.7911, -10.7003

Square

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



43.6900, 30.7188, 40.6139



42.2490, -20.8288, 54.1556



38.1550, -18.8104, -33.4619



53.2370, 33.9002, -46.6888

Rectangle

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



43.6900, 30.7188, 40.6139



40.8810, -2.4063, 72.0184



38.1550, -18.8104, -33.4619



47.7820, 10.4605, -41.9048

Sweetspot

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



43.6900, 30.7188, 40.6139



113.0140, 12.3181, 15.7737



28.5640, 38.1759, -18.0346



53.7160, 7.5350, 9.8961



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



43.6900, 30.7188, 40.6139



50.1170, 43.3263, 56.9024



44.7120, 13.9460, 53.7496



50.1790, 1.8838, 2.4740



42.6400, 36.6595, 48.5507



89.2250, 76.7971, 101.5347

Inverse Universe

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



39.1260, -7.4571, 58.6485



43.7700, -10.7326, 82.6397



69.2880, -13.9460, -53.7496



49.9080, -0.4476, 3.5887



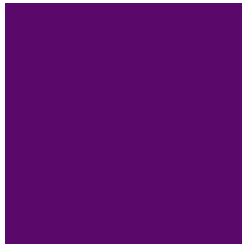
37.1490, -8.9475, 70.0293



77.8150, -18.6428, 146.6212

Previews

White Background



This preview shows how the YUV color 43.6900, 30.7188, 40.6139 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

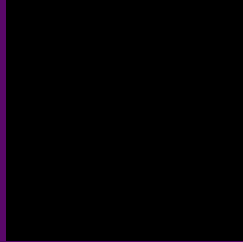
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.6900, 30.7188, 40.6139

Background



This preview shows how black text looks on a background with the YUV color 43.6900, 30.7188, 40.6139.



This preview shows how white text looks on a background with the YUV color 43.6900, 30.7188,

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

43.6900, 30.7188, 40.6139

Protanopia

43.1780, 33.4362, -37.8671

Deuteranopia

43.4570, 26.8897, -38.1118



Tritanopia

54.3020, -4.5859, 24.2911

Trichromacy



Original Color

43.6900, 30.7188, 40.6139

Protanomaly

43.4250, 32.3285, -9.1427

Deuteranomaly

43.6870, 28.2553, -9.3725

Tritanomaly

50.6630, 8.0541, 30.1135

Monochromacy



Original Color

43.6900, 30.7188, 40.6139

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.0740, 11.3025, 14.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.6900, 30.7188, 40.6139 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(90, 8, 106)` looks like.

```
.text, #text, p{  
    color:rgb(90, 8, 106)  
}
```

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(90, 8, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 8, 106) }
```

Border

The CSS property to change the border of an element to YUV 43.6900, 30.7188, 40.6139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

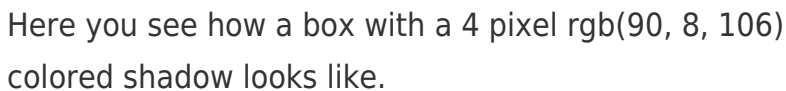
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 8, 106) }
```


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

```
.border{ border-color:rgb(90, 8, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(90, 8, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 8, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 8, 106);  
box-shadow:4px 4px 4px 4px rgb(90, 8, 106)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.6900, 30.7188, 40.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 8, 106) }
```

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

```
.background{ background-color: rgb(90, 8,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor