

Converting Colors

YUV(40.7600, 34.6283, 46.6915)

Have a look what the booklet for
YUV(40.7600, 34.6283, 46.6915)
contains.

YUV(40.7600, 34.6283, 46.6915)	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>	30

Color

**YUV(40.7600, 34.6283,
46.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	5E006F
RGB	94, 0, 111
RGB Percent	37%, 0%, 44%
CMY	0.6314, 1.0000, 0.5647
CMYK	0.15, 1.00, 0.00, 0.56
HSL	291°, 100%, 22%
HSV	291°, 100%, 44%
XYZ	7.4853, 3.5274, 15.3253
YIQ	40.7600, 20.3930, 54.4490

Conversions

Conversions Part 2

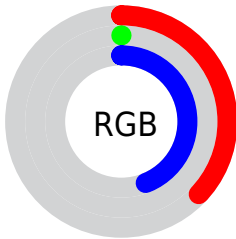
Format	Color
RYB	94, 0, 111
Decimal	6160495
CIELab	22.04, 50.34, -38.44
CIELCh	22, 63.341, 322.632
Yxy	3.5274, 0.2842, 0.1339
Android (android.graphics.Color)	4284350575 (0xFF5E006F)
YUV	40.7600, 34.6283, 46.6915
Hunter-Lab	18.7813, 38.2742, -35.2328

Details

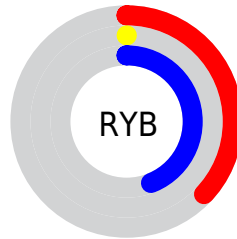
The YUV color **40.7600, 34.6283, 46.6915** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **70.2400, -34.6283, -46.6915**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.8150, 31.1502, 42.2582**, and **20.2240, 20.5956, 20.8516** is the 20% darker color. If you saturate the color by 10%, you get **40.7600, 34.6283, 46.6915**, and if you desaturate by 10%, it is **47.8150, 31.1502, 42.2582**.

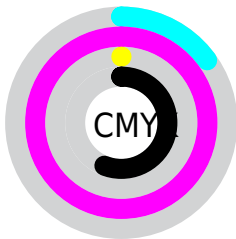
Distribution



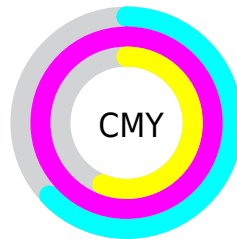
- Red (37%)
- Green (0%)
- Blue (44%)



- Red (37%)
- Yellow (0%)
- Blue (44%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (63%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.7600, 34.6283, 46.6915 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 40.7600, 34.6283, 46.6915 by changing the saturation by 10% instead.

40.7600, 34.6283,
46.6915

40.7600, 34.6283,
46.6915

255.0000, 0.0000,
0.0000

30.1360, 27.5410,
33.2067

99.8150, 31.1502,
42.2582

20.2240, 20.5956,
20.8516

126.6410, 31.7290,
43.2878

7.5500, 15.9979,
2.1486

154.0540, 32.0184,
43.8026

2.5250, 7.1362,
-2.2144

181.8800, 32.5972,
44.8322


0.0000, 0.0000,
0.0000


205.1050, 24.5982,
43.7579


221.5410, 16.4953,


29.3435


 238.5640, 8.1029,
14.4144


 40.7600, 34.6283,
46.6915

 47.8150, 31.1502,
42.2582

 54.5710, 27.8195,
37.2102

 61.6260, 24.3414,
32.7770

 68.6810, 20.8633,
28.3438

 76.3230, 17.0958,
23.3957

■ 83.0790, 13.7651,
18.3477

■ 90.1340, 10.2869,
13.9145

■ 97.1890, 6.8088,
9.4812

■ 103.9450, 3.4781,
4.4332

Harmonies

Analogous

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



43.1900, 48.7133, -37.8776



40.7600, 34.6283, 46.6915



45.0130, 10.8396, 70.1486

Triad

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



40.7600, 34.6283, 46.6915



50.3130, -24.8043, 22.5275



51.1220, 18.1809, -44.8340

Complementary

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



40.7600, 34.6283, 46.6915



70.2400, -34.6283, -46.6915

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.



44.9490, -2.9329, -39.4203



40.7600, 34.6283, 46.6915



44.7770, -22.0751, -12.9594

Square

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



40.7600, 34.6283, 46.6915



41.6840, -20.5502, 58.1591



39.3290, -19.3892, -34.4915



55.7960, 36.0896, -48.9331

Rectangle

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



40.7600, 34.6283, 46.6915



42.6750, -3.2908, 75.7070



39.3290, -19.3892, -34.4915



49.2980, 11.1921, -43.2343

Sweetspot

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



40.7600, 34.6283, 46.6915



117.9650, 13.3283, 18.4477



23.8070, 42.9861, -20.8787



56.9550, 8.4032, 11.4405



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



40.7600, 34.6283, 46.6915



53.3070, 45.2046, 61.1208



41.6250, 15.9609, 60.8419



52.1790, 1.8838, 2.4740



43.8790, 37.5277, 50.0951



90.6490, 77.0810, 103.7938

Inverse Universe

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



35.1270, -8.9366, 66.5406



45.8630, -11.7645, 86.9431



69.3750, -15.9609, -60.8419



51.9080, -0.4476, 3.5887



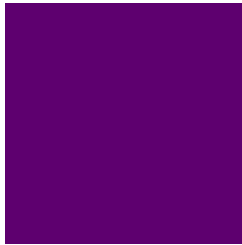
37.9320, -9.8265, 71.9736



78.1850, -19.8112, 148.0508

Previews

White Background



This preview shows how the YUV color 40.7600, 34.6283, 46.6915 looks on a white background.

Color Contrast Check

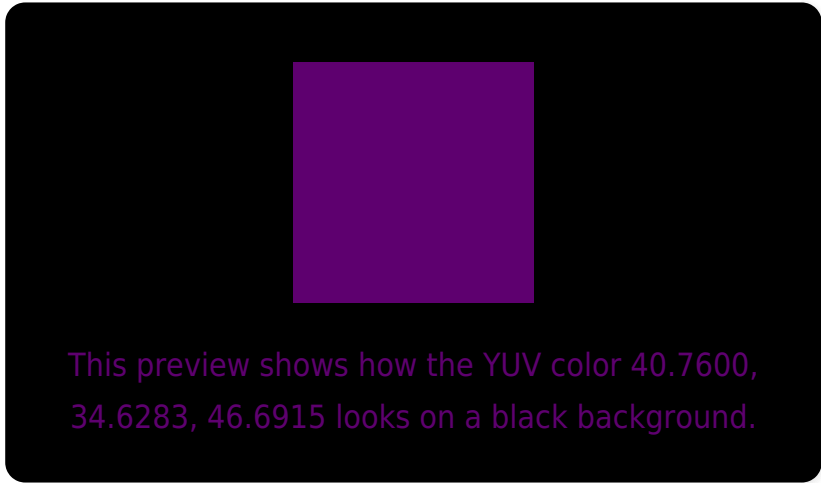
Large Text (above 18pt) WCAG AA ✓ Pass

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

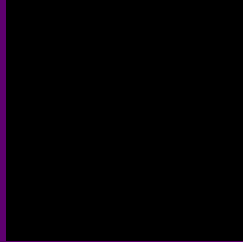
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.7600, 34.6283, 46.6915

Background



This preview shows how black text looks on a background with the YUV color 40.7600, 34.6283, 46.6915.



This preview shows how white text looks on a background with the YUV color 40.7600, 34.6283,

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



Protanopia

45.3950, 34.3153, -39.8114

Deuteranopia

45.6740, 27.7687, -40.0561

Tritanopia

56.0140, -4.4439, 25.4207

Trichromacy



Protanomaly

43.7070, 34.6544, -8.5130

Deuteranomaly

43.8550, 30.1445, -8.6428

Tritanomaly

50.1410, 9.7905, 33.2023

Monochromacy



Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.7260, 12.4601, 16.9033

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.7600, 34.6283, 46.6915 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(94, 0, 111)` looks like.

```
.text, #text, p{  
    color:rgb(94, 0, 111)  
}
```

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(94, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 0, 111) }
```

Border

The CSS property to change the border of an element to YUV 40.7600, 34.6283, 46.6915 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(94, 0, 111) }
```

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

```
.border{ border-color:rgb(94, 0, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 0, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 0, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 0, 111);  
box-shadow:4px 4px 4px 4px rgb(94, 0, 111)  
}
```


Background

The CSS property to change the background color of an element to YUV 40.7600, 34.6283, 46.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 0, 111) }
```

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

```
.background{ background-color: rgb(94, 0,  
111) }
```

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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