

Converting Colors

YUV(40.9600, 21.2187, 54.4091)

Have a look what the booklet for
YUV(40.9600, 21.2187, 54.4091)
contains.

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Color

**YUV(40.9600, 21.2187,
54.4091)**

Conversions

Conversions Part 1

Format	Color
Hex	670154
RGB	103, 1, 84
RGB Percent	40%, 0%, 33%
CMY	0.5961, 0.9961, 0.6706
CMYK	0.00, 0.99, 0.18, 0.60
HSL	311°, 98%, 20%
HSV	311°, 99%, 40%
XYZ	7.2046, 3.5454, 8.6921
YIQ	40.9600, 34.1490, 47.4370

Conversions

Conversions Part 2

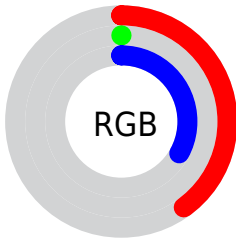
Format	Color
RYB	103, 1, 84
Decimal	6750548
CIELab	22.11, 47.35, -20.41
CIElCh	22, 51.562, 336.678
Yxy	3.5454, 0.3706, 0.1824
Android (android.graphics.Color)	4284940628 (0xFF670154)
YUV	40.9600, 21.2187, 54.4091
Hunter-Lab	18.8291, 35.3486, -14.1897

Details

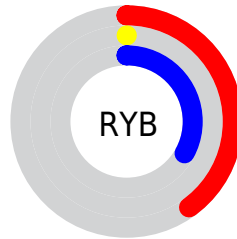
The YUV color **40.9600, 21.2187, 54.4091** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **63.0400, -21.2187, -54.4091**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.7870, 16.8670, 50.1758**, and **20.2930, 9.2226, 28.6840** is the 20% darker color. If you saturate the color by 10%, you get **40.3730, 21.5081, 54.9239**, and if you desaturate by 10%, it is **47.0580, 19.1984, 49.0611**.

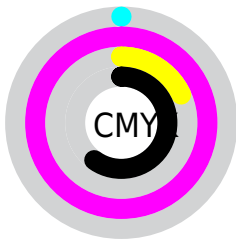
Distribution



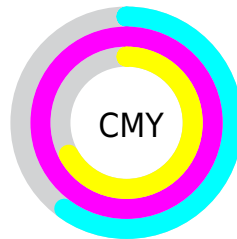
- Red (40%)
- Green (0%)
- Blue (33%)



- Red (40%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (99%)
- Yellow (18%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.9600, 21.2187, 54.4091 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 40.9600, 21.2187, 54.4091 by changing the saturation by 10% instead.

40.9600, 21.2187,
54.4091

40.9600, 21.2187,
54.4091

255.0000, 0.0000,
0.0000

29.9770, 15.2943,
41.2392

99.7870, 16.8670,
50.1758

20.2930, 9.2226,
28.6840

126.3850, 16.5722,
51.4054

8.4020, 3.7458,
11.9254

153.9830, 16.2774,
52.6349


0.0000, 0.0000,
0.0000


181.6950, 16.4194,
53.7645


204.4380, 19.5041,
44.3429


222.1280, 16.2059,


28.8287


 239.1510, 7.8136,
13.8996


 40.9600, 21.2187,
54.4091


 40.9600, 21.2187,
54.4091


 40.3730, 21.5081,
54.9239

 47.0580, 19.1984,
49.0611

 53.7430, 16.8887,
43.1984

 59.8410, 14.8684,
37.8504

 65.9390, 12.8481,
32.5025

 72.6240, 10.5384,
26.6398

■ 78.7220, 8.5181,
21.2918

■ 84.7060, 6.0609,
16.0438

■ 90.8040, 4.0406,
10.6959

■ 97.4890, 1.7309,
4.8331

Harmonies

Analogous

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



52.7690, 30.6799, 6.3416



40.9600, 21.2187, 54.4091



40.2270, 2.8461, 67.3299

Triad

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



40.9600, 21.2187, 54.4091



49.3390, -24.3241, 8.4727



51.0880, 23.1276, -44.8042

Complementary

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



40.9600, 21.2187, 54.4091



63.0400, -21.2187, -54.4091

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.



46.8700, 6.9661, -41.1050



40.9600, 21.2187, 54.4091



40.8680, -20.1479, -24.4402

Square

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



40.9600, 21.2187, 54.4091



49.5040, -24.4055, 34.6380



41.0220, -10.3638, -35.9763



52.2910, 35.3525, -45.8592

Rectangle

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



40.9600, 21.2187, 54.4091



36.5940, -7.1948, 67.8851



41.0220, -10.3638, -35.9763



49.8340, 18.3228, -43.7044

Sweetspot

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



40.9600, 21.2187, 54.4091



110.7220, 8.5181, 21.2918



18.3090, 41.7527, 1.4830



53.7550, 5.0508, 13.3699



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.



40.9600, 21.2187, 54.4091



52.9050, 28.1478, 71.9973



35.1460, -1.0580, 59.5080



47.9510, 1.0102, 2.6740



44.9870, 23.6704, 61.4014



94.8160, 50.3767, 129.0804

Inverse Universe

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



40.9600, 21.2187, 54.4091



52.9050, 28.1478, 71.9973



68.8540, 1.0580, -59.5080



47.9510, 1.0102, 2.6740



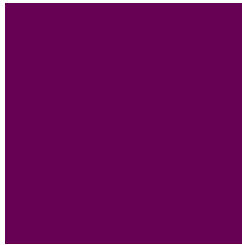
44.9870, 23.6704, 61.4014



94.8160, 50.3767, 129.0804

Previews

White Background



This preview shows how the YUV color 40.9600, 21.2187, 54.4091 looks on a white background.

Color Contrast Check

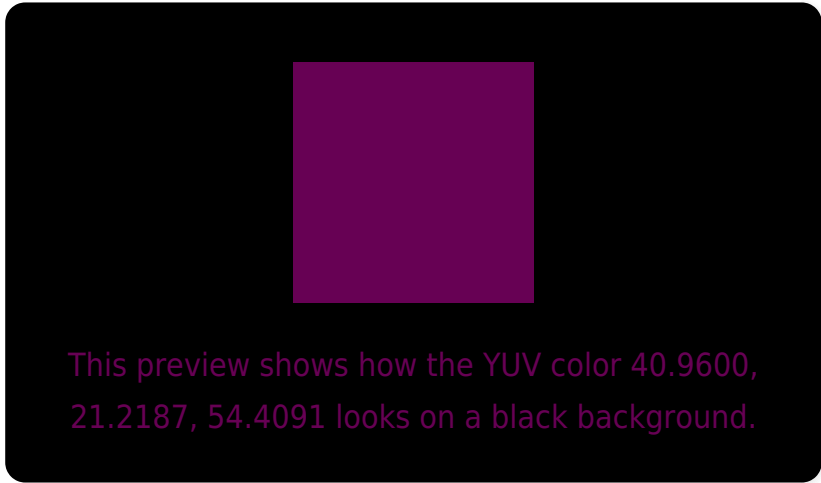
Large Text (above 18pt) WCAG AA ✓ Pass

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

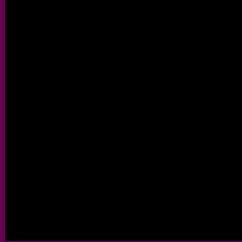
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.9600, 21.2187, 54.4091

Background



This preview shows how black text looks on a background with the YUV color 40.9600, 21.2187, 54.4091.



This preview shows how white text looks on a background with the YUV color 40.9600, 21.2187,

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

40.9600, 21.2187, 54.4091

Deuteranopia

56.5290, 11.0782, -6.6029

Tritanopia

52.9620, -8.8553, 40.3753

Trichromacy



Original Color

40.9600, 21.2187, 54.4091

Deuteranomaly

50.9970, 14.7915, 15.7886

Tritanomaly

48.2690, 2.3324, 45.3681

Monochromacy



Original Color

40.9600, 21.2187, 54.4091

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.8960, 7.9393, 20.2622

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.9600, 21.2187, 54.4091 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(103, 1, 84)` looks like.

```
.text, #text, p{  
    color:rgb(103, 1, 84)  
}
```

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(103, 1, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 1, 84) }
```

Border

The CSS property to change the border of an element to YUV 40.9600, 21.2187, 54.4091 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(103, 1, 84) }
```

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

```
.border{ border-color:rgb(103, 1, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 1, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 1, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 1, 84);  
box-shadow:4px 4px 4px 4px rgb(103, 1, 84)  
}
```


Background

The CSS property to change the background color of an element to YUV 40.9600, 21.2187, 54.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 1, 84) }
```

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

```
.background{ background-color: rgb(103, 1,  
84) }
```

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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