

Converting Colors

YUV(39.9600, 21.2187, 54.4091)

Have a look what the booklet for
YUV(39.9600, 21.2187, 54.4091)
contains.

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Color

**YUV(39.9600, 21.2187,
54.4091)**

Conversions

Conversions Part 1

Format	Color
Hex	660053
RGB	102, 0, 83
RGB Percent	40%, 0%, 33%
CMY	0.6000, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.19, 0.60
HSL	311°, 100%, 20%
HSV	311°, 100%, 40%
XYZ	7.0408, 3.4493, 8.4783
YIQ	39.9600, 34.1490, 47.4370

Conversions

Conversions Part 2

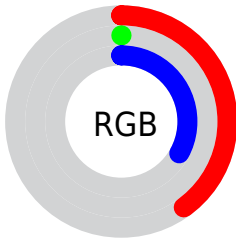
Format	Color
R_{YB}	102, 0, 83
Decimal	6684755
CIE _{Lab}	21.76, 47.23, -20.30
CIE _{LCh}	22, 51.408, 336.741
Yxy	3.4493, 0.3712, 0.1818
Android (android.graphics.Color)	4284874835 (0xFF660053)
YUV	39.9600, 21.2187, 54.4091
Hunter-Lab	18.5723, 35.1683, -14.0654

Details

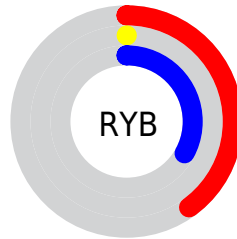
The YUV color **39.9600, 21.2187, 54.4091** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **62.0400, -21.2187, -54.4091**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.7870, 16.8670, 50.1758**, and **19.8800, 8.9332, 28.1692** is the 20% darker color. If you saturate the color by 10%, you get **39.9600, 21.2187, 54.4091**, and if you desaturate by 10%, it is **46.0580, 19.1984, 49.0611**.

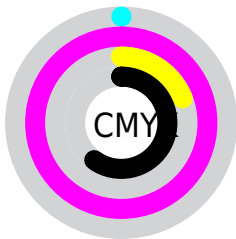
Distribution



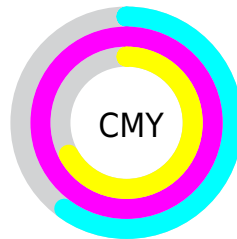
- Red (40%)
- Green (0%)
- Blue (33%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 39.9600, 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 39.9600, 21.2187, 54.4091 by changing the saturation by 10% instead.

■ 39.9600, 21.2187,
54.4091

■ 39.9600, 21.2187,
54.4091

■ 255.0000, 0.0000,
0.0000

■ 29.5640, 15.0049,
40.7244

■ 98.7870, 16.8670,
50.1758

■ 19.8800, 8.9332,
28.1692

■ 125.3850, 16.5722,
51.4054

■ 7.6900, 3.6038,
10.7959

■ 152.9830, 16.2774,
52.6349

■ 0.0000, 0.0000,
0.0000

■ 180.6950, 16.4194,
53.7645

■ 203.6230, 18.9199,
45.0576

■ 221.5410, 16.4953,

29.3435

■ 238.5640, 8.1029,
14.4144

■ 39.9600, 21.2187,
54.4091

■ 46.0580, 19.1984,
49.0611

■ 52.1560, 17.1781,
43.7132

■ 58.8410, 14.8684,
37.8504

■ 64.9390, 12.8481,
32.5025

■ 71.0370, 10.8278,
27.1546

■ 77.0210, 8.3706,
21.9066

■ 83.1190, 6.3503,
16.5586

■ 89.8040, 4.0406,
10.6959

■ 95.9020, 2.0203,
5.3479

Harmonies

Analogous

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



52.3560, 30.3905, 5.8268



39.9600, 21.2187, 54.4091



39.8140, 2.5567, 66.8151

Triad

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



39.9600, 21.2187, 54.4091



49.0400, -24.1767, 7.8579



50.3870, 22.9802, -44.1894

Complementary

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



39.9600, 21.2187, 54.4091



62.0400, -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.



46.1690, 6.8187, -40.4902



39.9600, 21.2187, 54.4091



39.9820, -19.7111, -24.5402

Square

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



39.9600, 21.2187, 54.4091



48.6180, -23.9687, 34.5380



40.9080, -10.8006, -35.8763



51.5900, 35.2051, -45.2444

Rectangle

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



39.9600, 21.2187, 54.4091



36.1810, -7.4842, 67.3703



40.9080, -10.8006, -35.8763



49.1330, 18.1754, -43.0896

Sweetspot

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



39.9600, 21.2187, 54.4091



108.6080, 8.0813, 21.3918



17.3090, 41.7527, 1.4830



51.4560, 5.1982, 12.7551



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



39.9600, 21.2187, 54.4091



52.0790, 27.5691, 70.9677



34.1460, -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.



39.9600, 21.2187, 54.4091



52.0790, 27.5691, 70.9677



67.8540, 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 39.9600, 21.2187, 54.4091 looks on a white background.

Color Contrast Check

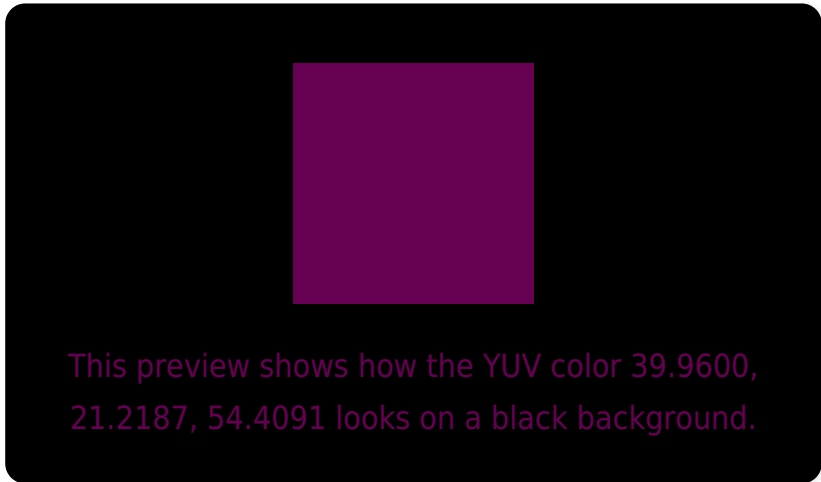
Large Text (above 18pt) WCAG AA ✓ Pass

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

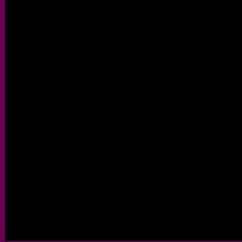
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.9600, 21.2187, 54.4091

Background



This preview shows how black text looks on a background with the YUV color 39.9600, 21.2187, 54.4091.



This preview shows how white text looks on a background with the YUV color 39.9600, 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



Protanopia

44.8080, 34.6047, -39.2966

Deuteranopia

55.8280, 10.9308, -5.9882

Tritanopia

52.5490, -9.1447, 39.8605

Trichromacy



Protanomaly

42.7630, 29.6968, -5.0542

Deuteranomaly

49.9970, 14.7915, 15.7886

Tritanomaly

47.8560, 2.0430, 44.8533

Monochromacy



Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.8960, 7.9393, 20.2622

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.9600, 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(102, 0, 83)` looks like.

```
.text, #text, p{  
    color:rgb(102, 0, 83)  
}
```

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(102, 0, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 0, 83) }
```

Border

The CSS property to change the border of an element to YUV 39.9600, 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(102, 0, 83) }
```

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

```
.border{ border-color:rgb(102, 0, 83) }
```

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

Here you see how a box with a 4 pixel rgb(102, 0, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 0, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 0, 83);  
box-shadow:4px 4px 4px 4px rgb(102, 0, 83)  
}
```


Background

The CSS property to change the background color of an element to YUV 39.9600, 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(102, 0, 83) }
```

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

```
.background{ background-color: rgb(102, 0,  
83) }
```

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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