

Converting Colors

YUV(35.6750, 26.7822, 43.2580)

Have a look what the booklet for
YUV(35.6750, 26.7822, 43.2580)
contains.

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Color

**YUV(35.6750, 26.7822,
43.2580)**

Conversions

Conversions Part 1

Format	Color
Hex	55005A
RGB	85, 0, 90
RGB Percent	33%, 0%, 35%
CMY	0.6667, 1.0000, 0.6471
CMYK	0.06, 1.00, 0.00, 0.65
HSL	297°, 100%, 18%
HSV	297°, 100%, 35%
XYZ	5.5918, 2.6695, 9.8934
YIQ	35.6750, 21.7700, 46.0100

Conversions

Conversions Part 2

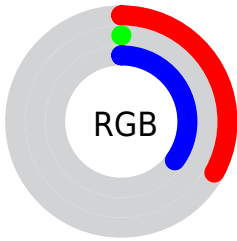
Format	Color
R _Y B	85, 0, 90
Decimal	5570650
CIE Lab	18.67, 45.03, -30.14
CIE LCh	19, 54.188, 326.205
Yxy	2.6695, 0.3080, 0.1470
Android (android.graphics.Color)	4283760730 (0xFF55005A)
YUV	35.6750, 26.7822, 43.2580
Hunter-Lab	16.3385, 32.4982, -24.4646

Details

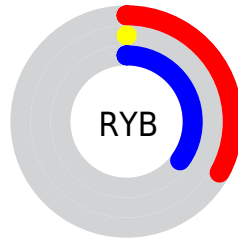
The YUV color **35.6750, 26.7822, 43.2580** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **54.3250, -26.7822, -43.2580**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.9690, 24.1723, 40.3692**, and **16.3780, 13.6176, 18.9625** is the 20% darker color. If you saturate the color by 10%, you get **35.6750, 26.7822, 43.2580**, and if you desaturate by 10%, it is **41.2570, 24.0303, 39.2396**.

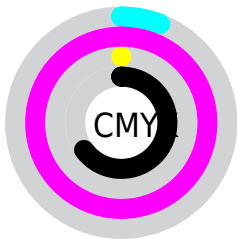
Distribution



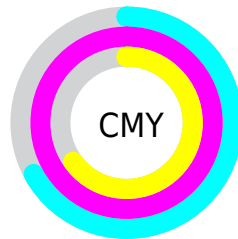
- Red (33%)
- Green (0%)
- Blue (35%)



- Red (33%)
- Yellow (0%)
- Blue (35%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (67%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.6750, 26.7822, 43.2580 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 35.6750, 26.7822, 43.2580 by changing the saturation by 10% instead.

■ 35.6750, 26.7822,
43.2580

■ 35.6750, 26.7822,
43.2580

■ 252.0650, 1.4470,
2.5740

■ 25.4640, 19.9842,
30.2881

■ 91.9690, 24.1723,
40.3692

■ 16.3780, 13.6176,
18.9625

■ 118.2680, 24.0249,
40.9840

■ 3.0950, 9.3202,
-2.7143

■ 145.0940, 24.6037,
42.0136

■ 0.0000, 0.0000,
0.0000

■ 172.8060, 24.7456,
43.1431

■ 200.5180, 24.8876,
44.2727

■ 218.6060, 17.9422,

31.9175

■ 235.0420, 9.8393,
17.5032

■ 35.6750, 26.7822,
43.2580

■ 41.2570, 24.0303,
39.2396

■ 46.5400, 21.4258,
34.6064

■ 52.1220, 18.6739,
30.5880

■ 57.4050, 16.0693,
25.9548

■ 62.9870, 13.3174,
21.9364

■ 68.2700, 10.7129,
17.3032

■ 73.8520, 7.9610,
13.2848

■ 79.1350, 5.3564,
8.6516

■ 84.7170, 2.6045,
4.6332

Harmonies

Analogous

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



36.0680, 40.3925, -29.0006



35.6750, 26.7822, 43.2580



38.2200, 6.7935, 61.1971

Triad

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



35.6750, 26.7822, 43.2580



43.4800, -21.4356, 15.3650



44.3400, 17.5804, -38.8862

Complementary

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



35.6750, 26.7822, 43.2580



54.3250, -26.7822, -43.2580

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.



39.6660, -0.3283, -34.7871



35.6750, 26.7822, 43.2580



37.3900, -18.4333, -14.3740

Square

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



35.6750, 26.7822, 43.2580



39.2370, -19.3438, 44.5192



34.0460, -16.7847, -29.8583



47.4010, 31.8473, -41.5707

Rectangle

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



35.6750, 26.7822, 43.2580



35.6690, -4.2738, 64.3113



34.0460, -16.7847, -29.8583



42.8580, 11.9020, -37.5865

Sweetspot

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



35.6750, 26.7822, 43.2580



95.8570, 10.4235, 16.7884



13.7820, 37.5755, -12.0868



46.0750, 6.3720, 9.5812



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



35.6750, 26.7822, 43.2580



46.5270, 34.7432, 56.5428



32.7240, 9.0101, 50.2311



43.0650, 1.4470, 2.5740



43.6360, 32.7175, 52.9392



93.9940, 70.5020, 114.0153

Inverse Universe

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



27.4800, -11.0826, 54.8300



35.7810, -14.1890, 71.2291



57.2760, -9.0101, -50.2311



42.6090, -0.3002, 2.9739



33.5740, -13.5940, 67.0256



72.3450, -29.2571, 144.4024

Previews

White Background



This preview shows how the YUV color 35.6750, 26.7822, 43.2580 looks on a white background.

Color Contrast Check

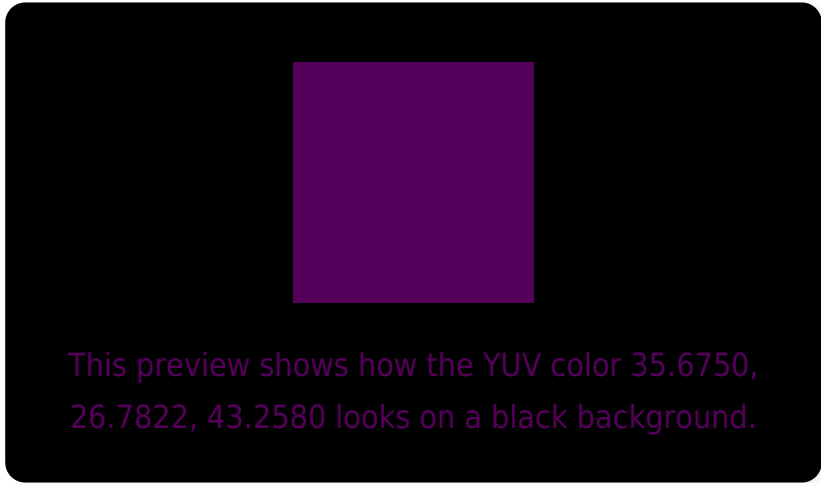
Large Text (above 18pt) WCAG AA ✓ Pass

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

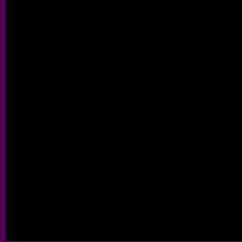
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.6750, 26.7822, 43.2580

Background



This preview shows how black text looks on a background with the YUV color 35.6750, 26.7822, 43.2580.



This preview shows how white text looks on a background with the YUV color 35.6750, 26.7822,

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

39.6900, 30.2258, -34.8081

Deuteranopia

45.9170, 19.2679, -20.0982

Tritanopia

48.4980, -5.1755, 26.7503

Trichromacy



Protanomaly

38.5240, 28.8287, -6.5985

Deuteranomaly

42.4560, 21.9602, 3.1081

Tritanomaly

43.6310, 6.5909, 32.7726

Monochromacy



Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.0310, 9.8447, 15.7588

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.6750, 26.7822, 43.2580 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(85, 0, 90)` looks like.

```
.text, #text, p{  
    color:rgb(85, 0, 90)  
}
```

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(85, 0, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 0, 90) }
```

Border

The CSS property to change the border of an element to YUV 35.6750, 26.7822, 43.2580 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(85, 0, 90) }
```

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

```
.border{ border-color:rgb(85, 0, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 0, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 0, 90); -webkit-box-shadow:4px  
4px 4px 4px rgb(85, 0, 90); box-shadow:4px  
4px 4px 4px rgb(85, 0, 90) }
```


Background

The CSS property to change the background color of an element to YUV 35.6750, 26.7822, 43.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 0, 90) }
```

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

```
.background{ background-color: rgb(85, 0,  
90) }
```

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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