

Converting Colors

YUV(47.5660, 32.2590, 60.0166)

Have a look what the booklet for
YUV(47.5660, 32.2590, 60.0166)
contains.

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Color

**YUV(47.5660, 32.2590,
60.0166)**

Conversions

Conversions Part 1

Format	Color
Hex	740071
RGB	116, 0, 113
RGB Percent	45%, 0%, 44%
CMY	0.5451, 1.0000, 0.5569
CMYK	0.00, 1.00, 0.03, 0.55
HSL	302°, 100%, 23%
HSV	302°, 100%, 45%
XYZ	10.1831, 4.9053, 16.0329
YIQ	47.5660, 32.8630, 59.7350

Conversions

Conversions Part 2

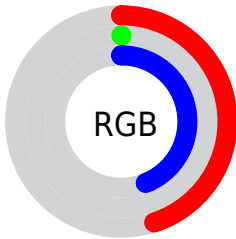
Format	Color
R_{YB}	116, 0, 113
Decimal	7602289
CIE _{Lab}	26.46, 54.44, -32.40
CIE _{LCh}	26, 63.355, 329.243
Yxy	4.9053, 0.3272, 0.1576
Android (android.graphics.Color)	4285792369 (0xFF740071)
YUV	47.5660, 32.2590, 60.0166
Hunter-Lab	22.1478, 43.3118, -27.4168

Details

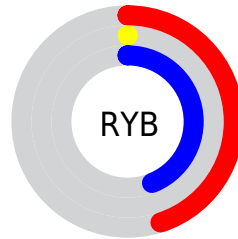
The YUV color **47.5660, 32.2590, 60.0166** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **68.4340, -32.2590, -60.0166**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.8550, 27.1865, 53.6242**, and **26.1330, 18.6684, 32.3324** is the 20% darker color. If you saturate the color by 10%, you get **47.5660, 32.2590, 60.0166**, and if you desaturate by 10%, it is **54.6100, 28.7863, 53.8390**.

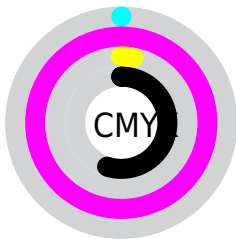
Distribution



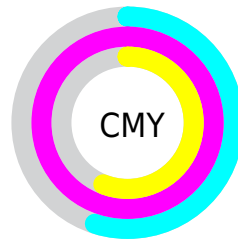
- Red (45%)
- Green (0%)
- Blue (44%)



- Red (45%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5660, 32.2590, 60.0166 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 47.5660, 32.2590, 60.0166 by changing the saturation by 10% instead.

47.5660, 32.2590,
60.0166

47.5660, 32.2590,
60.0166

255.0000, 0.0000,
0.0000

36.6430, 25.3190,
45.9171

109.8550, 27.1865,
53.6242

26.1330, 18.6684,
32.3324

138.1540, 27.0391,
54.2389

16.4490, 12.5966,
19.7772

165.8660, 27.1811,
55.3685

2.7530, 8.0098,
-2.4144

192.6810, 27.7653,
54.6538

0.0000, 0.0000,
0.0000

209.8010, 22.2831,
39.6395

226.2370, 14.1802,

25.2252

■ 243.2600, 5.7878,
10.2960

■ 47.5660, 32.2590,
60.0166

■ 54.6100, 28.7863,
53.8390

■ 61.1810, 26.0398,
48.0763

■ 68.2250, 22.5671,
41.8987

■ 74.6820, 19.3838,
36.2359

■ 81.7260, 15.9111,
30.0583

■ 88.8840, 12.8752,
23.7807

■ 95.3410, 9.6919,
18.1179

■ 102.3850, 6.2192,
11.9404

■ 108.9560, 3.4727,
6.1776

Harmonies

Analogous

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



58.5950, 44.5697, -15.4308



47.5660, 32.2590, 60.0166



49.6830, 8.0443, 80.0850

Triad

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



47.5660, 32.2590, 60.0166



59.4280, -29.2980, 17.1646



59.9730, 24.1703, -52.5963

Complementary

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



47.5660, 32.2590, 60.0166



68.4340, -32.2590, -60.0166

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.



54.3870, 2.7672, -47.6974



47.5660, 32.2590, 60.0166



50.9240, -25.1055, -20.9813

Square

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



47.5660, 32.2590, 60.0166



56.1040, -27.6593, 51.6518



46.0140, -21.6989, -40.3543



63.1310, 41.3474, -55.3659

Rectangle

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



47.5660, 32.2590, 60.0166



46.1490, -5.4965, 83.1843



46.0140, -21.6989, -40.3543



58.1490, 17.1815, -50.9967

Sweetspot

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



47.5660, 32.2590, 60.0166



123.4710, 12.5858, 23.2659



13.8220, 50.3738, -10.3679



60.4500, 7.6661, 14.5143



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



47.5660, 32.2590, 60.0166



61.6080, 42.0983, 77.5198



41.0680, 7.3615, 65.7154



55.3640, 1.2995, 3.1888



50.0440, 33.9953, 63.1054



102.4520, 69.2902, 129.3996

Inverse Universe

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



47.5660, 32.2590, 60.0166



61.6080, 42.0983, 77.5198



74.9320, -7.3615, -65.7154



55.3640, 1.2995, 3.1888



50.0440, 33.9953, 63.1054



102.4520, 69.2902, 129.3996

Previews

White Background



This preview shows how the YUV color 47.5660, 32.2590, 60.0166 looks on a white background.

Color Contrast Check

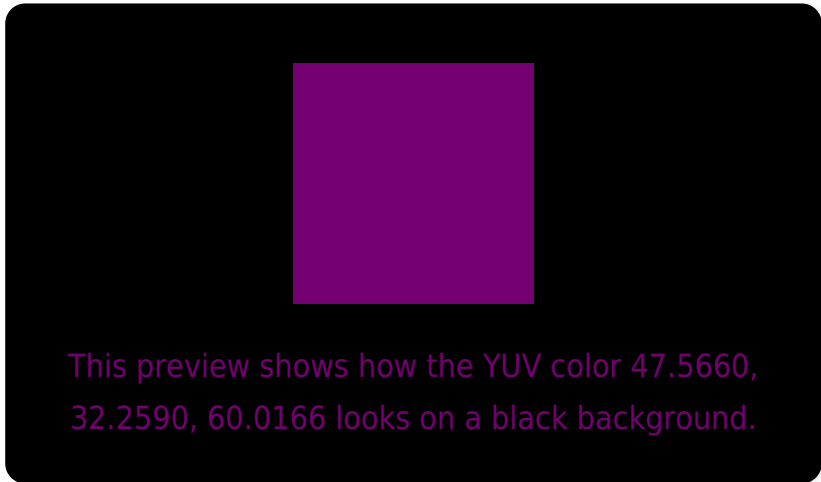
Large Text (above 18pt) WCAG AA ✓ Pass

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

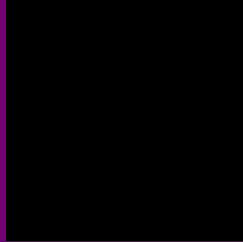
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5660, 32.2590, 60.0166

Background



This preview shows how black text looks on a background with the YUV color 47.5660, 32.2590, 60.0166.



This preview shows how white text looks on a background with the YUV color 47.5660, 32.2590,

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

52.9580, 40.4467, -46.4442

Deuteranopia

63.6830, 20.8623, -18.1390

Tritanopia

63.7770, -8.2711, 39.6606

Trichromacy



Protanomaly

51.1030, 37.4172, -7.9833

Deuteranomaly

58.0100, 25.1381, 10.5152

Tritanomaly

58.0180, 6.4001, 47.3422

Monochromacy



Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2320, 11.7176, 21.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5660, 32.2590, 60.0166 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(116, 0, 113)` looks like.

```
.text, #text, p{  
    color:rgb(116, 0, 113)  
}
```

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(116, 0, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 0, 113) }
```

Border

The CSS property to change the border of an element to YUV 47.5660, 32.2590, 60.0166 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(116, 0, 113) }
```

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

```
.border{ border-color:rgb(116, 0, 113) }
```

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

Here you see how a box with a 4 pixel rgb(116, 0, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 0, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 0, 113);  
box-shadow:4px 4px 4px 4px rgb(116, 0,  
113) }
```


Background

The CSS property to change the background color of an element to YUV 47.5660, 32.2590, 60.0166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 0, 113) }
```

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

```
.background{ background-color: rgb(116, 0,  
113) }
```

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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