

Converting Colors

YUV(47.0800, 22.6386, 65.7048)

Have a look what the booklet for
YUV(47.0800, 22.6386, 65.7048)
contains.

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Color

**YUV(47.0800, 22.6386,
65.7048)**

Conversions

Conversions Part 1

Format	Color
Hex	7A005D
RGB	122, 0, 93
RGB Percent	48%, 0%, 36%
CMY	0.5216, 1.0000, 0.6353
CMYK	0.00, 1.00, 0.24, 0.52
HSL	314°, 100%, 24%
HSV	314°, 100%, 48%
XYZ	10.0018, 4.9279, 10.7799
YIQ	47.0800, 42.8590, 54.7870

Conversions

Conversions Part 2

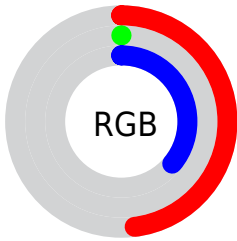
Format	Color
R_{YB}	122, 0, 93
Decimal	7995485
CIE Lab	26.53, 52.75, -19.20
CIE LCh	27, 56.130, 340.000
Yxy	4.9279, 0.3890, 0.1917
Android (android.graphics.Color)	4286185565 (0xFF7A005D)
YUV	47.0800, 22.6386, 65.7048
Hunter-Lab	22.1988, 41.5763, -13.2525

Details

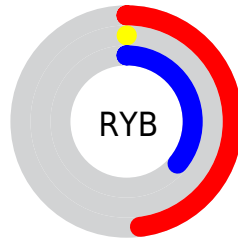
The YUV color **47.0800, 22.6386, 65.7048** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **74.9200, -22.6386, -65.7048**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1410, 16.6925, 59.5123**, and **25.6900, 10.5058, 37.1059** is the 20% darker color. If you saturate the color by 10%, you get **47.0800, 22.6386, 65.7048**, and if you desaturate by 10%, it is **54.4660, 20.4763, 59.2273**.

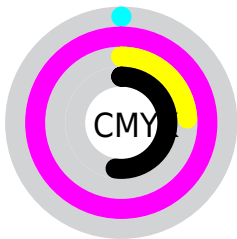
Distribution



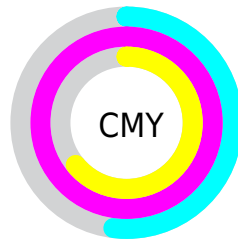
- Red (48%)
- Green (0%)
- Blue (36%)



- Red (48%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (52%)





- Cyan (52%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 47.0800, 22.6386, 65.7048 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 47.0800, 22.6386, 65.7048 by changing the saturation by 10% instead.


 47.0800, 22.6386,
65.7048


 47.0800, 22.6386,
65.7048

255.0000, 0.0000,
0.0000


 36.2710, 16.1354,
51.5053

 110.1410, 16.6925,
59.5123


 25.6900, 10.5058,
37.1059


 137.6250, 15.9609,
60.8419

 16.1200, 4.8708,
24.4508

 165.2230, 15.6661,
62.0714

 0.0000, 0.0000,
0.0000


 190.0590, 17.7189,
56.9533


 209.6870, 21.8463,
39.7395


 226.8240, 13.8908,


24.7104


 243.8470, 5.4984,
9.7812


 47.0800, 22.6386,
65.7048

 54.4660, 20.4763,
59.2273

 61.8520, 18.3140,
52.7498

 69.8250, 15.8623,
45.7575

 77.2110, 13.7000,
39.2800

 84.5970, 11.5377,
32.8024

■ 91.8690, 8.9386,
26.4249

■ 99.2550, 6.7763,
19.9474

■ 107.2280, 4.3246,
12.9550

■ 114.6140, 2.1623,
6.4775

Harmonies

Analogous

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



62.9810, 32.5474, 14.0487



47.0800, 22.6386, 65.7048



46.1790, 2.3768, 77.8960

Triad

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



47.0800, 22.6386, 65.7048



58.1770, -28.6813, 5.9838



60.2980, 27.9541, -52.8813

Complementary

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



47.0800, 22.6386, 65.7048



74.9200, -22.6386, -65.7048

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.



55.7380, 10.4822, -48.8822



47.0800, 22.6386, 65.7048



45.2320, -22.2994, -34.4065

Square

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



47.0800, 22.6386, 65.7048



58.9620, -29.0683, 36.8673



49.3200, -9.0318, -43.2536



60.4410, 41.1946, -53.0068

Rectangle

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



47.0800, 22.6386, 65.7048



43.5520, -10.1321, 76.6919



49.3200, -9.0318, -43.2536



58.9300, 22.7125, -51.6816

Sweetspot

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



47.0800, 22.6386, 65.7048



129.1570, 8.7966, 25.2953



22.2800, 49.1620, 5.0164



61.7660, 5.0454, 15.1142



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



47.0800, 22.6386, 65.7048



61.0360, 29.5623, 85.0374



40.2400, -3.5693, 71.7035



57.3640, 1.2995, 3.1888



48.2050, 23.0699, 67.3492



97.2360, 46.7187, 135.7280

Inverse Universe

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



47.0800, 22.6386, 65.7048



61.0360, 29.5623, 85.0374



81.7600, 3.5693, -71.7035



57.3640, 1.2995, 3.1888



48.2050, 23.0699, 67.3492



97.2360, 46.7187, 135.7280

Previews

White Background



This preview shows how the YUV color 47.0800, 22.6386, 65.7048 looks on a white background.

Color Contrast Check

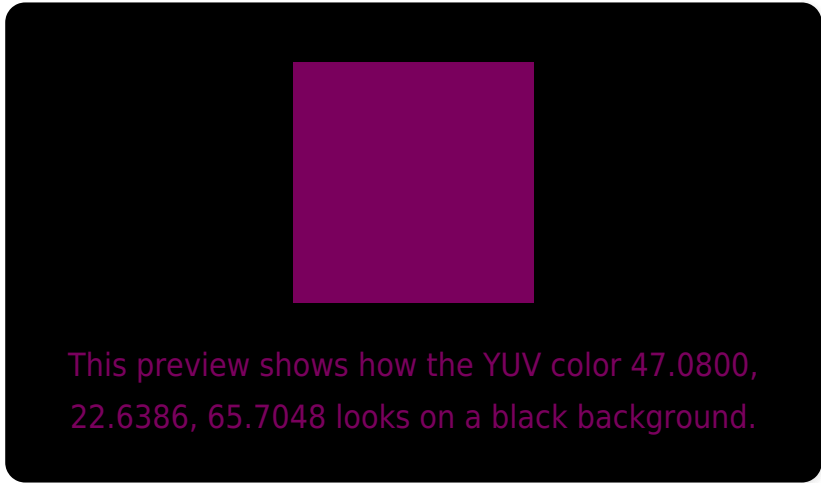
Large Text (above 18pt) WCAG AA ✓ Pass

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

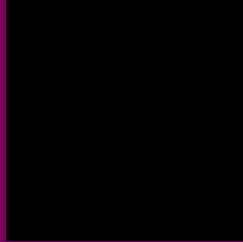
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.0800, 22.6386, 65.7048

Background



This preview shows how black text looks on a background with the YUV color 47.0800, 22.6386, 65.7048.



This preview shows how white text looks on a background with the YUV color 47.0800, 22.6386,

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

59.1940, 35.8934, -32.6191

Deuteranopia

66.3120, 10.1992, -4.6586

Tritanopia

61.4470, -11.0664, 49.5970

Trichromacy



Protanomaly

54.8610, 31.1275, 2.7529

Deuteranomaly

59.0300, 14.7752, 21.0217

Tritanomaly

56.3950, 1.2843, 54.9046

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0320, 8.3652, 23.6509

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0800, 22.6386, 65.7048 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(122, 0, 93)` looks like.

```
.text, #text, p{  
    color:rgb(122, 0, 93)  
}
```

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(122, 0, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 0, 93) }
```

Border

The CSS property to change the border of an element to YUV 47.0800, 22.6386, 65.7048 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(122, 0, 93) }
```

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

```
.border{ border-color:rgb(122, 0, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 0, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 0, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 0, 93);  
box-shadow:4px 4px 4px 4px rgb(122, 0, 93)  
}
```


Background

The CSS property to change the background color of an element to YUV 47.0800, 22.6386, 65.7048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 0, 93) }
```

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

```
.background{ background-color: rgb(122, 0,  
93) }
```

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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