

Converting Colors

YUV(47.9080, 43.4294, 23.7597)

Have a look what the booklet for
YUV(47.9080, 43.4294, 23.7597)
contains.

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Color

**YUV(47.9080, 43.4294,
23.7597)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1188
RGB	75, 17, 136
RGB Percent	29%, 7%, 53%
CMY	0.7059, 0.9333, 0.4667
CMYK	0.45, 0.88, 0.00, 0.47
HSL	269°, 78%, 30%
HSV	269°, 88%, 53%
XYZ	7.5460, 3.6743, 23.6040
YIQ	47.9080, -3.6310, 49.3050

Conversions

Conversions Part 2

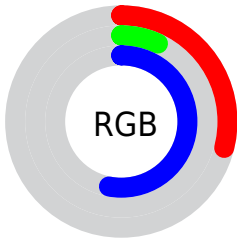
Format	Color
R_{YB}	75, 17, 136
Decimal	4919688
CIE _{Lab}	22.56, 48.67, -53.65
CIE _{LCh}	23, 72.442, 312.212
Yxy	3.6743, 0.2167, 0.1055
Android (android.graphics.Color)	4283109768 (0xFF4B1188)
YUV	47.9080, 43.4294, 23.7597
Hunter-Lab	19.1685, 36.7248, -59.5915

Details

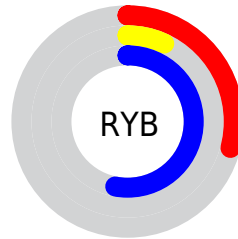
The YUV color **47.9080, 43.4294, 23.7597** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **105.0920, -43.4294, -23.7597**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.6200, 43.5713, 24.8893**, and **14.7730, 34.6219, 1.9531** is the 20% darker color. If you saturate the color by 10%, you get **37.5970, 48.5127, 26.6634**, and if you desaturate by 10%, it is **58.2190, 38.3460, 20.8559**.

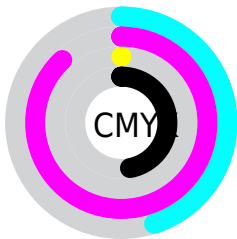
Distribution



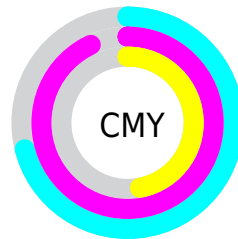
- Red (29%)
- Green (7%)
- Blue (53%)



- Red (29%)
- Yellow (7%)
- Blue (53%)



- Cyan (45%)
- Magenta (88%)
- Yellow (0%)
- Black (47%)



- Cyan (71%)
- Magenta (93%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9080, 43.4294, 23.7597 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 47.9080, 43.4294, 23.7597 by changing the saturation by 10% instead.

47.9080, 43.4294,
23.7597

47.9080, 43.4294,
23.7597

255.0000, 0.0000,
0.0000

26.5930, 41.1197,
17.8969

101.6200, 43.5713,
24.8893

14.7730, 34.6219,
1.9531

127.9730, 44.8763,
26.3337

6.9540, 26.6447,
-6.0987

155.6850, 45.0183,
27.4633

5.5060, 16.0195,
-4.8288

180.5300, 36.7137,
31.1072

2.2970, 6.2626,
-2.0145


205.6370, 24.3360,
34.5214


0.0000, 0.0000,
0.0000


225.0630, 14.7589,


26.2547


 241.4990, 6.6560,
11.8404


 47.9080, 43.4294,
23.7597


 47.9080, 43.4294,
23.7597


 37.5970, 48.5127,
26.6634


 58.2190, 38.3460,
20.8559

 35.2380, 49.6757,
26.9783

 67.9430, 33.5521,
18.4670

 78.2540, 28.4688,
15.5632

 87.9780, 23.6748,
13.1743

 98.2890, 18.5915,
10.2705

■ 108.6000, 13.5082,
7.3668

■ 118.3240, 8.7143,
4.9779

■ 128.6350, 3.6309,
2.0741

■ 138.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



51.4540, 54.9922, -45.1252



47.9080, 43.4294, 23.7597



48.3040, 19.5701, 69.8934

Triad

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



47.9080, 43.4294, 23.7597



49.8140, -24.5583, 36.9971



51.5150, 12.0711, -45.1787

Complementary

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



47.9080, 43.4294, 23.7597



105.0920, -43.4294, -23.7597

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.



43.6150, -13.1212, -38.2504



47.9080, 43.4294, 23.7597



48.6860, -24.0022, -1.4786

Square

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



47.9080, 43.4294, 23.7597



37.3750, -18.4259, 76.8471



39.3290, -19.3892, -34.4915



57.3290, 34.3478, -50.2775

Rectangle

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



47.9080, 43.4294, 23.7597



47.9020, 2.5133, 80.7699



39.3290, -19.3892, -34.4915



48.7620, 4.0613, -42.7643

Sweetspot

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



47.9080, 43.4294, 23.7597



141.8220, 16.8498, 8.9261



66.3730, 34.3261, -43.3001



68.9650, 9.8773, 5.2927



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



47.9080, 43.4294, 23.7597



45.7780, 64.1994, 35.2747



65.5490, 34.7323, 60.0315



63.6950, 2.6154, 1.1445



34.5970, 48.5127, 26.6634



1.1680, 1.8892, 0.7297

Inverse Universe

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



59.5350, 9.1032, 67.0598



62.8840, 13.3682, 99.2027



87.4510, -34.7323, -60.0315



64.4350, 0.2785, 4.0035



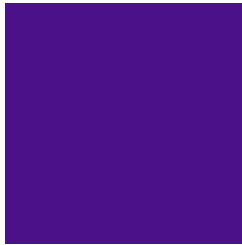
47.5190, 10.0971, 74.9668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 47.9080, 43.4294, 23.7597 looks on a white background.

Color Contrast Check

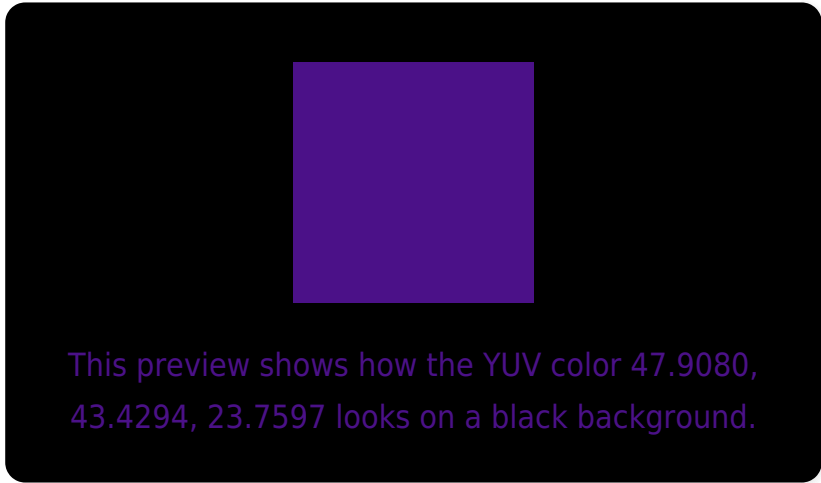
Large Text (above 18pt) WCAG AA ✓ Pass

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

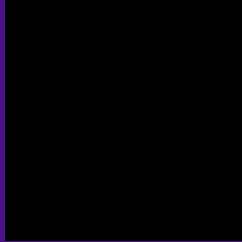
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.9080, 43.4294, 23.7597

Background



This preview shows how black text looks on a background with the YUV color 47.9080, 43.4294, 23.7597.



This preview shows how white text looks on a background with the YUV color 47.9080, 43.4294,

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

47.9080, 43.4294, 23.7597

Protanopia

44.5800, 33.7311, -39.0967

Deuteranopia

44.5170, 25.8741, -39.0414



Tritanopia

55.7550, 1.5998, 0.2149

Trichromacy



Original Color

47.9080, 43.4294, 23.7597

Protanomaly

45.9340, 37.0075, -16.6051

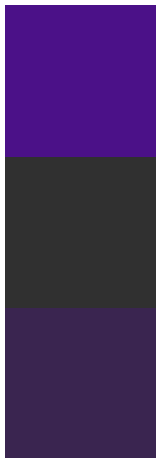
Deuteranomaly

45.3810, 32.3502, -16.1201

Tritanomaly

52.8220, 16.8498, 8.9261

Monochromacy



Original Color

47.9080, 43.4294, 23.7597

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1810, 15.6868, 8.6113

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9080, 43.4294, 23.7597 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(75, 17, 136)` looks like.

```
.text, #text, p{  
    color:rgb(75, 17, 136)  
}
```

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(75, 17, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 17, 136) }
```

Border

The CSS property to change the border of an element to YUV 47.9080, 43.4294, 23.7597 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(75, 17, 136) }
```


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

```
.border{ border-color:rgb(75, 17, 136) }
```

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

Here you see how a box with a 4 pixel rgb(75, 17, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 17, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 17, 136);  
box-shadow:4px 4px 4px 4px rgb(75, 17,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 47.9080, 43.4294, 23.7597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 17, 136) }
```

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

```
.background{ background-color: rgb(75, 17,  
136) }
```

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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