

Converting Colors

YUV(44.7220, 48.9441, 28.3078)

Have a look what the booklet for
YUV(44.7220, 48.9441, 28.3078)
contains.

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Color

**YUV(44.7220, 48.9441,
28.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	4D0990
RGB	77, 9, 144
RGB Percent	30%, 4%, 56%
CMY	0.6980, 0.9647, 0.4353
CMYK	0.47, 0.94, 0.00, 0.44
HSL	270°, 88%, 30%
HSV	270°, 94%, 56%
XYZ	8.1923, 3.7868, 26.6847
YIQ	44.7220, -2.8070, 56.4010

Conversions

Conversions Part 2

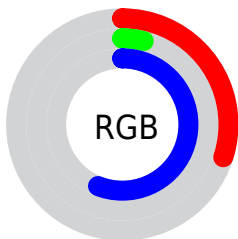
Format	Color
R _Y B	77, 9, 144
Decimal	5048720
CIE Lab	22.95, 52.96, -58.00
CIE LCh	23, 78.541, 312.401
Yxy	3.7868, 0.2119, 0.0979
Android (android.graphics.Color)	4283238800 (0xFF4D0990)
YUV	44.7220, 48.9441, 28.3078
Hunter-Lab	19.4596, 41.0922, -67.6817

Details

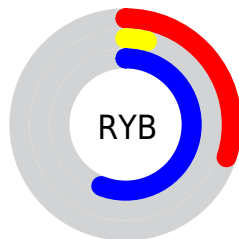
The YUV color **44.7220, 48.9441, 28.3078** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **108.2780, -48.9441, -28.3078**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.7820, 47.9285, 27.3782**, and **14.6740, 38.1217, -0.5911** is the 20% darker color. If you saturate the color by 10%, you get **38.2430, 52.1382, 30.4819**, and if you desaturate by 10%, it is **55.0330, 43.8607, 25.4041**.

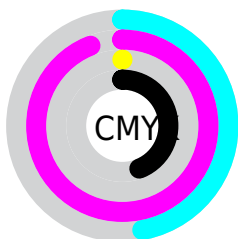
Distribution



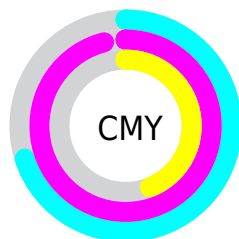
- Red (30%)
- Green (4%)
- Blue (56%)



- Red (30%)
- Yellow (4%)
- Blue (56%)



- Cyan (47%)
- Magenta (94%)
- Yellow (0%)
- Black (44%)



- Cyan (70%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.7220, 48.9441, 28.3078 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 44.7220, 48.9441, 28.3078 by changing the saturation by 10% instead.

■ 44.7220, 48.9441,
28.3078

■ 44.7220, 48.9441,
28.3078

■ 255.0000, 0.0000,
0.0000

■ 27.8040, 44.4666,
17.7119

■ 101.7820, 47.9285,
27.3782

■ 14.6740, 38.1217,
-0.5911

■ 128.9070, 48.3598,
29.0226

■ 7.7520, 29.7023,
-6.7985

■ 155.7330, 48.9386,
30.0522

■ 6.7770, 18.3509,
-5.9434

■ 180.5520, 36.7029,
34.5959

■ 3.2090, 9.7570,
-2.8143


■ 205.0720, 24.6145,
38.5249


■ 0.0000, 0.0000,
0.0000


■ 223.3020, 15.6271,


27.7991


 240.3250, 7.2348,
12.8700


 44.7220, 48.9441,
28.3078


 44.7220, 48.9441,
28.3078


 38.2430, 52.1382,
30.4819

 55.0330, 43.8607,
25.4041

 65.9310, 38.4880,
21.9855

 76.2420, 33.4047,
19.0818

 87.4390, 27.8846,
16.2780

 97.7500, 22.8012,
13.3742

■ 108.0610, 17.7179,
10.4705

■ 118.9590, 12.3452,
7.0520

■ 129.2700, 7.2619,
4.1482

■ 140.1680, 1.8892,
0.7297

Harmonies

Analogous

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



53.2950, 59.5076, -46.7397



44.7220, 48.9441, 28.3078



50.8530, 20.2855, 73.7969

Triad

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



44.7220, 48.9441, 28.3078



50.7110, -25.0005, 38.8415



52.4440, 13.0921, -45.9934

Complementary

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



44.7220, 48.9441, 28.3078



108.2780, -48.9441, -28.3078

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.



44.4470, -15.0104, -38.9800



44.7220, 48.9441, 28.3078



48.6750, -23.9968, -3.2230

Square

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



44.7220, 48.9441, 28.3078



39.1690, -19.3103, 80.5358



40.5030, -19.9680, -35.5211



59.4150, 37.2634, -52.1070

Rectangle

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



44.7220, 48.9441, 28.3078



49.9950, 1.4815, 85.0734



40.5030, -19.9680, -35.5211



50.0500, 3.9194, -43.8939

Sweetspot

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



44.7220, 48.9441, 28.3078



147.7020, 18.8809, 10.7853



64.3060, 39.2891, -48.5034



70.4320, 11.6190, 6.6371



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



44.7220, 48.9441, 28.3078



49.3100, 67.3882, 39.1931



64.7550, 39.0678, 69.4979



65.9940, 2.4680, 1.7593



35.7220, 48.9441, 28.3078



2.1080, 2.9048, 1.6593

Inverse Universe

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



57.0030, 9.3655, 76.2964



66.1020, 12.7677, 105.1505



88.2450, -39.0678, -69.4979



66.5490, 0.7153, 3.9035



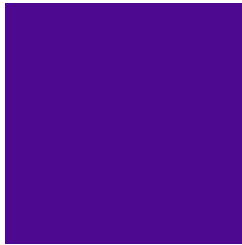
48.0030, 9.3655, 76.2964



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 44.7220, 48.9441, 28.3078 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

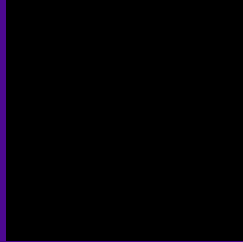
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.7220, 48.9441, 28.3078

Background



This preview shows how black text looks on a background with the YUV color 44.7220, 48.9441, 28.3078.



This preview shows how white text looks on a background with the YUV color 44.7220, 48.9441,

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

44.7220, 48.9441, 28.3078

Protanopia

45.5090, 34.7521, -39.9114

Deuteranopia

45.9190, 26.1689, -40.2710



Tritanopia

57.1570, 1.8946, -1.0147

Trichromacy



Original Color

44.7220, 48.9441, 28.3078

Protanomaly

45.0420, 39.9123, -14.9458

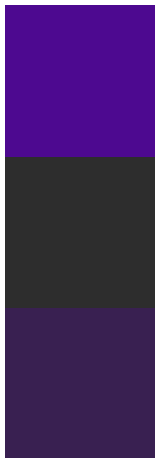
Deuteranomaly

45.5490, 34.2393, -15.3905

Tritanomaly

52.9900, 18.7389, 9.6558

Monochromacy



Original Color

44.7220, 48.9441, 28.3078

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0610, 17.7179, 10.4705

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.7220, 48.9441, 28.3078 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(77, 9, 144)` looks like.

```
.text, #text, p{  
    color:rgb(77, 9, 144)  
}
```

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(77, 9, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 9, 144) }
```

Border

The CSS property to change the border of an element to YUV 44.7220, 48.9441, 28.3078 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(77, 9, 144) }
```


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

```
.border{ border-color:rgb(77, 9, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 9, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 9, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 9, 144);  
box-shadow:4px 4px 4px 4px rgb(77, 9, 144)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.7220, 48.9441, 28.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 9, 144) }
```

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

```
.background{ background-color: rgb(77, 9,  
144) }
```

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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