

Converting Colors

YUV(44.4780, 45.6133, 23.2598)

Have a look what the booklet for
YUV(44.4780, 45.6133, 23.2598)
contains.

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Color

**YUV(44.4780, 45.6133,
23.2598)**

Conversions

Conversions Part 1

Format	Color
Hex	470D89
RGB	71, 13, 137
RGB Percent	28%, 5%, 54%
CMY	0.7216, 0.9490, 0.4627
CMYK	0.48, 0.91, 0.00, 0.46
HSL	268°, 83%, 29%
HSV	268°, 91%, 54%
XYZ	7.2578, 3.4336, 23.9471
YIQ	44.4780, -5.2360, 50.8600

Conversions

Conversions Part 2

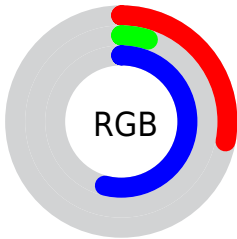
Format	Color
R _Y B	71, 13, 137
Decimal	4656521
CIE Lab	21.70, 49.61, -55.72
CIE LCh	22, 74.606, 311.682
Yxy	3.4336, 0.2095, 0.0991
Android (android.graphics.Color)	4282846601 (0xFF470D89)
YUV	44.4780, 45.6133, 23.2598
Hunter-Lab	18.5299, 37.4876, -63.6524

Details

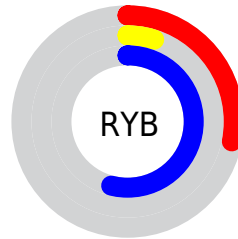
The YUV color **44.4780, 45.6133, 23.2598** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **105.5220, -45.6133, -23.2598**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.0760, 45.3185, 24.4893**, and **12.4950, 36.2380, -3.0651** is the 20% darker color. If you saturate the color by 10%, you get **34.7540, 50.4073, 25.6487**, and if you desaturate by 10%, it is **54.7890, 40.5300, 20.3560**.

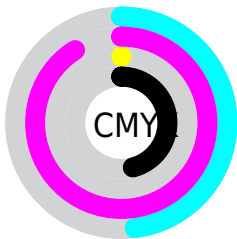
Distribution



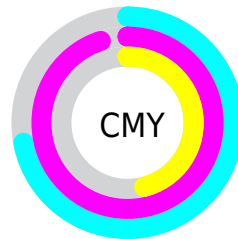
- Red (28%)
- Green (5%)
- Blue (54%)



- Red (28%)
- Yellow (5%)
- Blue (54%)



- Cyan (48%)
- Magenta (91%)
- Yellow (0%)
- Black (46%)



- Cyan (72%)
- Magenta (95%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.4780, 45.6133, 23.2598 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 44.4780, 45.6133, 23.2598 by changing the saturation by 10% instead.

■ 44.4780, 45.6133,
23.2598

■ 44.4780, 45.6133,
23.2598

■ 255.0000, 0.0000,
0.0000

■ 25.2120, 42.2935,
14.7231

■ 99.0760, 45.3185,
24.4893

■ 12.4950, 36.2380,
-3.0651

■ 126.0160, 46.3341,
25.4190

■ 7.0680, 27.0815,
-6.1986

■ 152.9560, 47.3497,
26.3486

■ 6.2070, 16.1669,
-5.4435

■ 177.5730, 38.1715,
30.1925

■ 2.4110, 6.6994,
-2.1144


■ 202.9790, 25.6464,
34.2214


■ 0.0000, 0.0000,
0.0000


■ 223.3020, 15.6271,


27.7991


 239.7380, 7.5242,
13.3848


 44.4780, 45.6133,
23.2598


 44.4780, 45.6133,
23.2598


 34.7540, 50.4073,
25.6487

 54.7890, 40.5300,
20.3560

 64.8120, 35.5887,
18.5819

 75.1230, 30.5054,
15.6781

 85.4340, 25.4220,
12.7744

 95.7450, 20.3387,
9.8706

■ 105.7680, 15.3974,
8.0965

■ 116.0790, 10.3141,
5.1927

■ 126.3900, 5.2307,
2.2890

■ 136.4130, 0.2894,
0.5148

Harmonies

Analogous

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



51.0950, 56.1552, -44.8103



44.4780, 45.6133, 23.2598



48.0050, 19.7175, 69.2786

Triad

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



44.4780, 45.6133, 23.2598



47.7540, -23.5427, 37.9267



49.9990, 11.3395, -43.8491

Complementary

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



44.4780, 45.6133, 23.2598



105.5220, -45.6133, -23.2598

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.



41.8710, -14.7264, -36.7209



44.4780, 45.6133, 23.2598



46.9140, -23.1286, -1.6786

Square

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



44.4780, 45.6133, 23.2598



37.3750, -18.4259, 76.8471



38.7420, -19.0998, -33.9767



56.6280, 34.2004, -49.6628

Rectangle

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



44.4780, 45.6133, 23.2598



47.4890, 2.2239, 80.2551



38.7420, -19.0998, -33.9767



47.2460, 3.3297, -41.4347

Sweetspot

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



44.4780, 45.6133, 23.2598



142.4630, 18.0127, 9.2409



65.8780, 35.0631, -46.3740



68.0790, 10.3141, 5.1927



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.



44.4780, 45.6133, 23.2598



45.2230, 65.9521, 33.1304



63.0160, 36.4741, 61.3760



63.6950, 2.6154, 1.1445



33.7000, 48.9549, 24.8191



1.1680, 1.8892, 0.7297

Inverse Universe

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



57.6000, 10.5502, 69.6338



64.3510, 15.1100, 100.5472



86.9840, -36.4741, -61.3760



64.5490, 0.7153, 3.9035



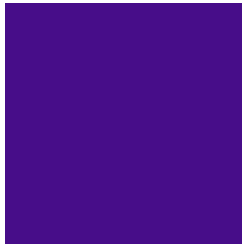
47.8610, 11.4075, 74.6669



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 44.4780, 45.6133, 23.2598 looks on a white background.

Color Contrast Check

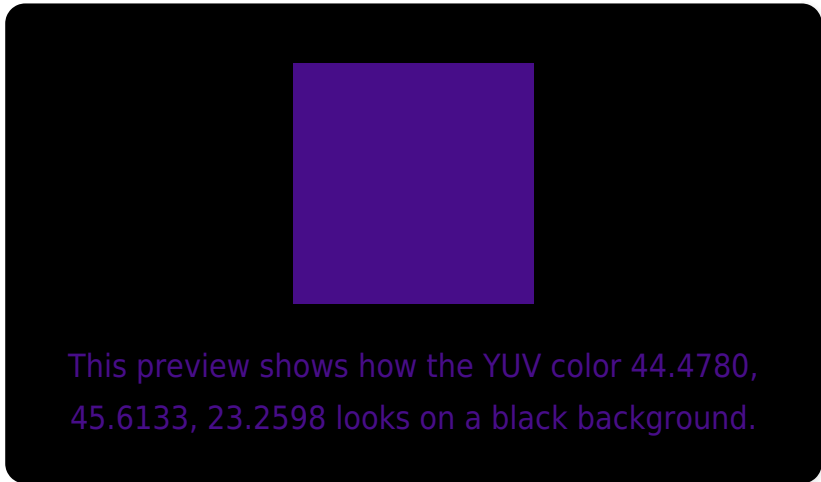
Large Text (above 18pt) WCAG AA ✓ Pass

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

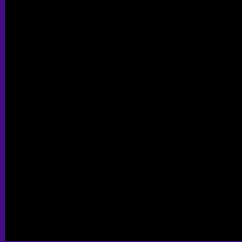
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.4780, 45.6133, 23.2598

Background



This preview shows how black text looks on a background with the YUV color 44.4780, 45.6133, 23.2598.



This preview shows how white text looks on a background with the YUV color 44.4780, 45.6133,

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

44.4780, 45.6133, 23.2598

Protanopia

42.9500, 32.5627, -37.6671

Deuteranopia

43.0010, 25.1425, -37.7119



Tritanopia

53.3740, 2.7736, -2.9590

Trichromacy



Original Color

44.4780, 45.6133, 23.2598

Protanomaly

43.6460, 37.1495, -15.4755

Deuteranomaly

43.7940, 32.6396, -15.6053

Tritanomaly

50.1530, 18.1656, 6.8818

Monochromacy



Original Color

44.4780, 45.6133, 23.2598

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.4090, 16.5604, 8.4113

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.4780, 45.6133, 23.2598 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(71, 13, 137)` looks like.

```
.text, #text, p{  
  color:rgb(71, 13, 137)  
}
```

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(71, 13, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 13, 137) }
```

Border

The CSS property to change the border of an element to YUV 44.4780, 45.6133, 23.2598 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(71, 13, 137) }
```


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

```
.border{ border-color:rgb(71, 13, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 13, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 13, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 13, 137);  
box-shadow:4px 4px 4px 4px rgb(71, 13,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 44.4780, 45.6133, 23.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 13, 137) }
```

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

```
.background{ background-color: rgb(71, 13,  
137) }
```

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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