

Converting Colors

YUV(23.7700, 45.9624, 4.5867)

Have a look what the booklet for
YUV(23.7700, 45.9624, 4.5867)
contains.

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Color

**YUV(23.7700, 45.9624,
4.5867)**

Conversions

Conversions Part 1

Format	Color
Hex	1D0375
RGB	29, 3, 117
RGB Percent	11%, 1%, 46%
CMY	0.8863, 0.9882, 0.5412
CMYK	0.75, 0.97, 0.00, 0.54
HSL	254°, 95%, 24%
HSV	254°, 97%, 46%
XYZ	3.7501, 1.6107, 16.9429
YIQ	23.7700, -21.0980, 40.9660

Conversions

Conversions Part 2

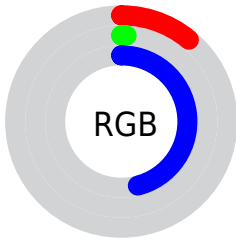
Format	Color
RYB	29, 3, 117
Decimal	1901429
CIELab	13.30, 43.95, -57.06
CIELCh	13, 72.025, 307.600
Yxy	1.6107, 0.1681, 0.0722
Android (android.graphics.Color)	4280091509 (0xFF1D0375)
YUV	23.7700, 45.9624, 4.5867
Hunter-Lab	12.6913, 30.5351, -70.2682




Details

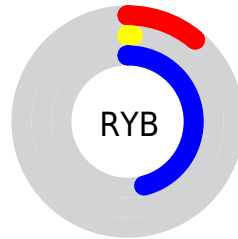
The YUV color **23.7700, 45.9624, 4.5867** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **96.2300, -45.9624, -4.5867**, and the grayscale version is **23.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **77.4010, 45.6513, 11.0493**, and **7.6380, 29.2655, -6.6985** is the 20% darker color. If you saturate the color by 10%, you get **21.4110, 47.1254, 4.9016**, and if you desaturate by 10%, it is **33.5050, 41.1630, 3.9421**.

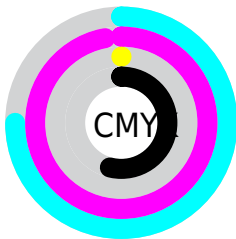
Distribution







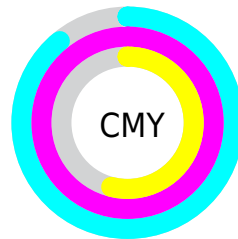
-  Red (11%)
-  Green (1%)
-  Blue (46%)






-  Red (11%)
-  Yellow (1%)
-  Blue (46%)



-  Cyan (75%)
-  Magenta (97%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (89%)
-  Magenta (99%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.7700, 45.9624, 4.5867 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 23.7700, 45.9624, 4.5867 by changing the saturation by 10% instead.

■ 23.7700, 45.9624,
4.5867

■ 23.7700, 45.9624,
4.5867

■ 245.6080, 4.6303,
8.2368

■ 10.4880, 40.1854,
-9.1980

■ 77.4010, 45.6513,
11.0493

■ 7.6380, 29.2655,
-6.6985

■ 103.6400, 46.5195,
12.5937

■ 6.7770, 18.3509,
-5.9434

■ 130.2920, 47.6770,
14.6529

■ 3.0950, 9.3202,
-2.7143


■ 156.5310, 48.5452,
16.1973


■ 0.0000, 0.0000,
0.0000


■ 181.0510, 36.4569,
20.1263


■ 205.8700, 24.2211,


24.6700


 228.5850, 13.0226,
23.1660


 23.7700, 45.9624,
4.5867


 23.7700, 45.9624,
4.5867


 21.4110, 47.1254,
4.9016

 33.5050, 41.1630,
3.9421

 42.6530, 36.6531,
3.8123

 52.3880, 31.8537,
3.1677

 62.1230, 27.0544,
2.5231

 71.8580, 22.2550,
1.8785

■ 81.0060, 17.7450,
1.7487

■ 90.7410, 12.9457,
1.1041

■ 100.4760, 8.1463,
0.4595

■ 109.6240, 3.6364,
0.3298

Harmonies

Analogous

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



39.9130, 48.8499, -35.0037



23.7700, 45.9624, 4.5867



37.4390, 18.0246, 52.2350

Triad

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



23.7700, 45.9624, 4.5867



27.9850, -13.7966, 38.6012



34.5940, 5.6232, -30.3389

Complementary

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



23.7700, 45.9624, 4.5867



96.2300, -45.9624, -4.5867

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.



28.7630, -14.1802, -25.2252



23.7700, 45.9624, 4.5867



31.2870, -15.4245, 0.6253

Square

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



23.7700, 45.9624, 4.5867



29.9000, -14.7407, 61.4777



27.0020, -13.3120, -23.6808



41.4680, 26.8843, -36.3674

Rectangle

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



23.7700, 45.9624, 4.5867



37.5640, 1.6939, 63.5264



27.0020, -13.3120, -23.6808



32.0690, -1.5130, -28.1245

Sweetspot

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



23.7700, 45.9624, 4.5867



117.0060, 17.7450, 1.7487



68.2390, 24.0392, -57.2146



54.8720, 10.9091, 0.9893



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.



23.7700, 45.9624, 4.5867



27.9070, 61.6708, 6.2206



40.5140, 37.7076, 39.0142



53.9830, 2.4734, 0.0149



22.2800, 49.1620, 5.0164



45.5430, 100.7973, 10.0478

Inverse Universe

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



47.1180, 21.6338, 61.2865



59.1990, 28.9889, 82.2635



79.4860, -37.7076, -39.0142



55.2500, 0.8628, 3.2888



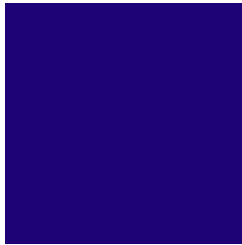
47.1940, 23.0754, 65.6049



96.7520, 47.4503, 134.3985

Previews

White Background



This preview shows how the YUV color 23.7700, 45.9624, 4.5867 looks on a white background.

Color Contrast Check

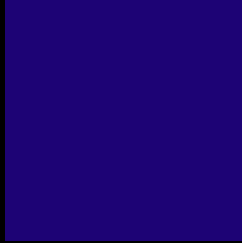
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 23.7700, 45.9624, 4.5867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

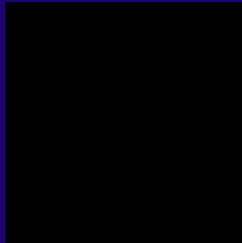
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.7700, 45.9624, 4.5867

Background



This preview shows how black text looks on a background with the YUV color 23.7700, 45.9624, 4.5867.



This preview shows how white text looks on a background with the YUV color 23.7700, 45.9624,

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

23.7700, 45.9624, 4.5867

Protanopia

29.7960, 22.7786, -26.1311

Deuteranopia

30.3030, 17.1056, -26.5757



Tritanopia

29.6700, 7.0647, -26.0206

Trichromacy



Original Color

23.7700, 45.9624, 4.5867

Protanomaly

27.7510, 31.1818, -14.6906

Deuteranomaly

28.1270, 27.5454, -15.0204

Tritanomaly

27.8190, 21.2882, -14.7503

Monochromacy



Original Color

23.7700, 45.9624, 4.5867

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.7780, 16.8714, 1.9487

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.7700, 45.9624, 4.5867 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(29, 3, 117)` looks like.

```
.text, #text, p{  
    color:rgb(29, 3, 117)  
}
```

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(29, 3, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 3, 117) }
```

Border

The CSS property to change the border of an element to YUV 23.7700, 45.9624, 4.5867 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(29, 3, 117) }
```


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

```
.border{ border-color:rgb(29, 3, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 3, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 3, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 3, 117);  
box-shadow:4px 4px 4px 4px rgb(29, 3, 117)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.7700, 45.9624, 4.5867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 3, 117) }
```

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

```
.background{ background-color: rgb(29, 3,  
117) }
```

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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