

Converting Colors

YUV(145.8770, 23.7246,
43.9579)

Have a look what the booklet for
YUV(145.8770, 23.7246, 43.9579)
contains.

YUV(145.8770, 23.7246, 43.9579)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(145.8770, 23.7246,
43.9579)**

Conversions

Conversions Part 1

Format	Color
Hex	C46FC2
RGB	196, 111, 194
RGB Percent	77%, 44%, 76%
CMY	0.2314, 0.5647, 0.2392
CMYK	0.00, 0.43, 0.01, 0.23
HSL	301°, 42%, 60%
HSV	301°, 43%, 77%
XYZ	38.1870, 26.9997, 54.2377
YIQ	145.8770, 24.0170, 43.8330

Conversions

Conversions Part 2

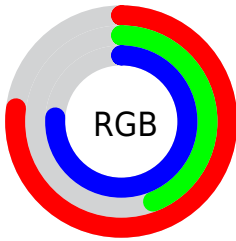
Format	Color
R _Y B	196, 111, 194
Decimal	12873666
CIE Lab	58.97, 45.78, -29.28
CIE LCh	59, 54.342, 327.402
Yxy	26.9997, 0.3198, 0.2261
Android (android.graphics.Color)	4291063746 (0xFFC46FC2)
YUV	145.8770, 23.7246, 43.9579
Hunter-Lab	51.9612, 40.2499, -25.5147

Details

The YUV color **145.8770, 23.7246, 43.9579** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **161.1230, -23.7246, -43.9579**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4150, 24.4454, 46.1170**, and **92.4530, 23.4407, 41.6987** is the 20% darker color. If you saturate the color by 10%, you get **134.1370, 29.5125, 54.2539**, and if you desaturate by 10%, it is **157.6170, 17.9368, 33.6619**.

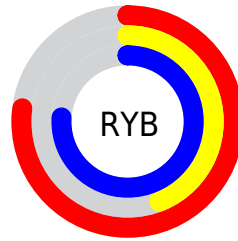
Distribution



Red (77%)

Green (44%)

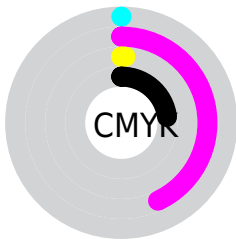
Blue (76%)



Red (77%)

Yellow (44%)

Blue (76%)

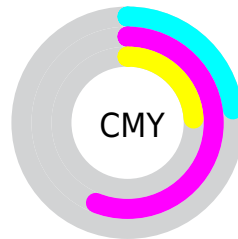


Cyan (0%)

Magenta (43%)

Yellow (1%)

Black (23%)



Cyan (23%)

Magenta (56%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.8770, 23.7246, 43.9579 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 145.8770, 23.7246, 43.9579 by changing the saturation by 10% instead.

145.8770, 23.7246,
43.9579

145.8770, 23.7246,
43.9579

255.0000, 0.0000,
0.0000

119.1650, 23.5827,
42.8283

201.4150, 24.4454,
46.1170

92.4530, 23.4407,
41.6987

218.6060, 17.9422,
31.9175

65.8660, 23.7301,
42.2135

235.0420, 9.8393,
17.5032

36.1590, 26.0506,
44.5876

252.0650, 1.4470,
2.5740

26.0620, 19.6894,
31.5176

17.1610, 12.7386,
20.9068

2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 145.8770, 23.7246,
43.9579

■ 145.8770, 23.7246,
43.9579

■ 134.1370, 29.5125,
54.2539

■ 157.6170, 17.9368,
33.6619

■ 122.8700, 34.5741,
64.1350

■ 168.8840, 12.8752,
23.7807

■ 111.1300, 40.3619,
74.4310

■ 180.6240, 7.0874,
13.4848

■ 99.8630, 45.4235,
84.3121

■ 191.8910, 2.0257,
3.6036

■ 88.1230, 51.2114,
94.6081

■ 203.6310, -3.7621,
-6.6924

■ 80.3780, 54.5366,
101.4005

■ 215.4850, -9.1131,
-17.0883

■ 226.6380,
-14.6115, -26.8695

■ 230.8610,
-16.2005, -30.5731

Harmonies

Analogous

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



143.4390, 41.1956, -6.5240



145.8770, 23.7246, 43.9579



141.6730, 3.1192, 73.0778

Triad

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



145.8770, 23.7246, 43.9579



136.5810, -48.1074, 30.1855



117.8310, 32.6213, -103.3378

Complementary

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



145.8770, 23.7246, 43.9579



161.1230, -23.7246, -43.9579

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.



112.3590, 11.6550, -98.5388



145.8770, 23.7246, 43.9579



132.1140, -39.9892, -7.1160

Square

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



145.8770, 23.7246, 43.9579



139.2870, -38.5955, 59.3843



121.8810, -16.7033, -56.0236



119.2280, 50.6666, -104.5630

Rectangle

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



145.8770, 23.7246, 43.9579



139.8080, -11.7373, 78.2214



121.8810, -16.7033, -56.0236



116.1210, 26.0693, -101.8381

Sweetspot

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



145.8770, 23.7246, 43.9579



235.5150, 9.1131, 17.0883



120.9890, 36.9804, -7.8834



115.5590, 5.6404, 10.9108



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



145.8770, 23.7246, 43.9579



176.5870, 37.1786, 68.7682



141.0890, 5.3791, 48.1569



91.1300, 2.8939, 5.1480



66.0370, 44.8448, 83.2826



13.5150, 9.1131, 17.0883

Inverse Universe

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



145.8770, 23.7246, 43.9579



176.5870, 37.1786, 68.7682



165.9110, -5.3791, -48.1569



91.1300, 2.8939, 5.1480



66.0370, 44.8448, 83.2826



13.5150, 9.1131, 17.0883

Previews

White Background



This preview shows how the YUV color 145.8770, 23.7246, 43.9579 looks on a white background.

Color Contrast Check

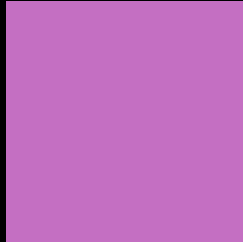
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 145.8770, 23.7246, 43.9579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

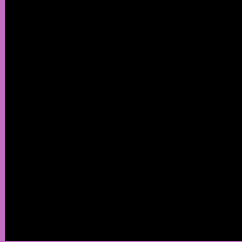
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.8770, 23.7246, 43.9579

Background



This preview shows how black text looks on a background with the YUV color 145.8770, 23.7246, 43.9579.



This preview shows how white text looks on a background with the YUV color 145.8770, 23.7246, 43.9579.

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

145.8770, 23.7246, 43.9579

Protanopia

141.3030, 37.3186, -23.0677

Deuteranopia

142.8950, 22.7298, -10.4319



Tritanopia

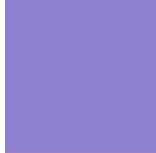
144.2760, -5.0661, 38.3459

Trichromacy



Original Color

145.8770, 23.7246, 43.9579



Protanomaly

142.6050, 32.7327, 1.2234



Deuteranomaly

143.8420, 23.2489, 9.7856



Tritanomaly

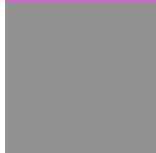
144.7460, 5.5482, 40.5648

Monochromacy



Original Color

145.8770, 23.7246, 43.9579



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

145.6890, 8.5343, 16.0587

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.8770, 23.7246, 43.9579 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(196, 111, 194)` looks like.

```
.text, #text, p{  
    color:rgb(196, 111, 194)  
}
```

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(196, 111, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 111, 194) }
```

Border

The CSS property to change the border of an element to YUV 145.8770, 23.7246, 43.9579 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(196, 111, 194) }
```


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

```
.border{ border-color:rgb(196, 111, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 111, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 111, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 111, 194);  
box-shadow:4px 4px 4px 4px rgb(196, 111,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 145.8770, 23.7246, 43.9579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 111, 194) }
```

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

```
.background{ background-color: rgb(196,  
111, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor