

Converting Colors

YUV(141.9540, 40.4487,
46.5213)

Have a look what the booklet for
YUV(141.9540, 40.4487, 46.5213)
contains.

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Color

**YUV(141.9540, 40.4487,
46.5213)**

Conversions

Conversions Part 1

Format	Color
Hex	C363E0
RGB	195, 99, 224
RGB Percent	76%, 39%, 88%
CMY	0.2353, 0.6118, 0.1216
CMYK	0.13, 0.56, 0.00, 0.12
HSL	286°, 67%, 63%
HSV	286°, 56%, 88%
XYZ	40.4221, 25.9076, 73.3912
YIQ	141.9540, 17.0910, 59.2270

Conversions

Conversions Part 2

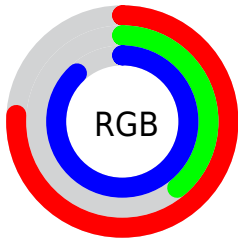
Format	Color
R _Y B	195, 99, 224
Decimal	12805088
CIE Lab	57.95, 57.26, -47.86
CIE LCh	58, 74.628, 320.111
Yxy	25.9076, 0.2893, 0.1854
Android (android.graphics.Color)	4290995168 (0xFFC363E0)
YUV	141.9540, 40.4487, 46.5213
Hunter-Lab	50.8995, 52.6824, -49.8597

Details

The YUV color **141.9540, 40.4487, 46.5213** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **181.0460, -40.4487, -46.5213**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.4140, 29.3759, 51.3799**, and **86.2420, 40.3067, 45.3918** is the 20% darker color. If you saturate the color by 10%, you get **127.5450, 47.5523, 54.7730**, and if you desaturate by 10%, it is **156.3630, 33.3450, 38.2696**.

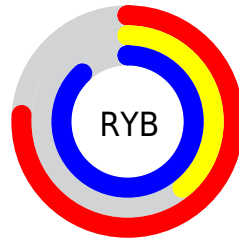
Distribution



Red (76%)

Green (39%)

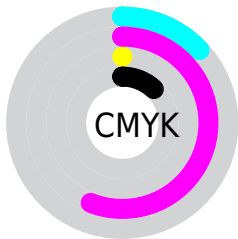
Blue (88%)



Red (76%)

Yellow (39%)

Blue (88%)

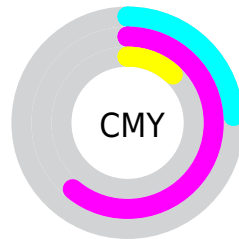


Cyan (13%)

Magenta (56%)

Yellow (0%)

Black (12%)



Cyan (24%)


Magenta (61%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 141.9540, 40.4487, 46.5213 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 141.9540, 40.4487, 46.5213 by changing the saturation by 10% instead.


 141.9540, 40.4487,
46.5213


 141.9540, 40.4487,
46.5213


255.0000, 0.0000,
0.0000


 114.2420, 40.3067,
45.3918


 195.4140, 29.3759,
51.3799


 86.2420, 40.3067,
45.3918


 212.1490, 21.1255,
37.5803


 53.3720, 43.2006,
50.5398

 228.5850, 13.0226,
23.1660

 38.2260, 37.8496,
40.1438

 245.6080, 4.6303,
8.2368

 27.3030, 30.9096,
26.0443

 17.0920, 24.1116,
13.0743

 4.7880, 18.3455,

-4.1991

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 141.9540, 40.4487,
46.5213

■ 141.9540, 40.4487,
46.5213

■ 127.5450, 47.5523,
54.7730

■ 156.3630, 33.3450,
38.2696

■ 112.5490, 54.9453,
63.5395

■ 171.3590, 25.9520,
29.5032

■ 97.8410, 62.1964,
71.1764

■ 186.0670, 18.7010,
21.8662

■ 82.8450, 69.5894,
79.9429

■ 201.0630, 11.3079,
13.0997

■ 76.9640, 72.4887,
83.3466

■ 215.4720, 4.2043,
4.8481

■ 229.8810, -2.8993,
-3.4036

■ 244.2900,
-10.0030, -11.6553

■ 246.0840,
-10.8874, -7.9667

■ 247.5790,
-11.6244, -4.8928

Harmonies

Analogous

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



130.4850, 61.3859, -42.5213



141.9540, 40.4487, 46.5213



130.9810, 16.2784, 99.1177

Triad

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



141.9540, 40.4487, 46.5213



131.3370, -64.7491, 47.9395



119.3640, 30.8795, -104.6822

Complementary

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



141.9540, 40.4487, 46.5213



181.0460, -40.4487, -46.5213

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.



111.1390, 1.9035, -97.4689



141.9540, 40.4487, 46.5213



125.1370, -61.6925, 0.7569

Square

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



141.9540, 40.4487, 46.5213



130.9870, -46.8286, 86.8344



106.3290, -29.7422, -73.9565



124.1010, 56.6452, -108.8366

Rectangle

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



141.9540, 40.4487, 46.5213



126.6070, -3.2573, 111.7237



106.3290, -29.7422, -73.9565



116.8560, 21.2700, -102.4827

Sweetspot

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



141.9540, 40.4487, 46.5213



226.7690, 13.9179, 15.9886



130.2730, 46.2074, -27.4264



110.9440, 8.4086, 9.6961



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.



141.9540, 40.4487, 46.5213



142.6630, 55.3821, 63.4395



146.8630, 21.7595, 67.6491



104.9450, 3.4781, 4.4332



60.4290, 56.9765, 65.3988



16.5350, 15.5122, 17.9478

Inverse Universe

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



139.6810, -5.7587, 73.9478



139.6890, -7.7347, 101.1277



176.1370, -21.7595, -67.6491



104.6310, -0.3111, 6.4626



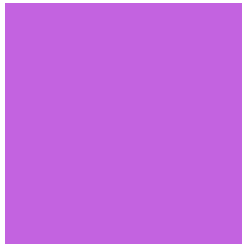
57.2980, -8.0349, 104.1017



15.6060, -2.2708, 28.4095

Previews

White Background



This preview shows how the YUV color 141.9540, 40.4487, 46.5213 looks on a white background.

Color Contrast Check

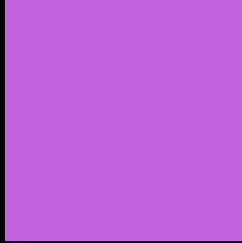
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.9540, 40.4487, 46.5213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

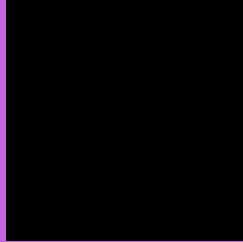
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 141.9540, 40.4487, 46.5213

Background



This preview shows how black text looks on a background with the YUV color 141.9540, 40.4487, 46.5213.



This preview shows how white text looks on a background with the YUV color 141.9540, 40.4487,

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

141.9540, 40.4487, 46.5213

Protanopia

132.8220, 60.2338, -46.3249

Deuteranopia

136.1170, 39.3823, -31.6746



Tritanopia

141.6670, -4.7658, 35.3720

Trichromacy



Original Color

141.9540, 40.4487, 46.5213



Protanomaly

136.4950, 53.0000, -12.7121



Deuteranomaly

138.1190, 39.8743, -2.7354



Tritanomaly

141.6410, 11.5160, 39.7798

Monochromacy



Original Color

141.9540, 40.4487, 46.5213



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.7090, 14.9335, 16.9182

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.9540, 40.4487, 46.5213 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(195, 99, 224)` looks like.

```
.text, #text, p{  
    color:rgb(195, 99, 224)  
}
```

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(195, 99, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 99, 224) }
```

Border

The CSS property to change the border of an element to YUV 141.9540, 40.4487, 46.5213 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(195, 99, 224) }
```


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

```
.border{ border-color:rgb(195, 99, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 99, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 99, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 99, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 99,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 141.9540, 40.4487, 46.5213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 99, 224) }
```

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

```
.background{ background-color: rgb(195, 99,  
224) }
```

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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