

Converting Colors

YUV(141.9170, 36.5229,
45.6768)

Have a look what the booklet for
YUV(141.9170, 36.5229, 45.6768)
contains.

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Color

**YUV(141.9170, 36.5229,
45.6768)**

Conversions

Conversions Part 1

Format	Color
Hex	C265D8
RGB	194, 101, 216
RGB Percent	76%, 40%, 85%
CMY	0.2392, 0.6039, 0.1529
CMYK	0.10, 0.53, 0.00, 0.15
HSL	289°, 60%, 62%
HSV	289°, 53%, 85%
XYZ	39.2965, 25.7346, 67.8619
YIQ	141.9170, 18.5130, 55.4810

Conversions

Conversions Part 2

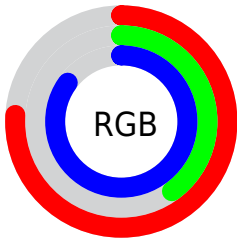
Format	Color
RYB	194, 101, 216
Decimal	12740056
CIELab	57.78, 54.45, -43.62
CIELCh	58, 69.769, 321.299
Yxy	25.7346, 0.2957, 0.1936
Android (android.graphics.Color)	4290930136 (0xFFC265D8)
YUV	141.9170, 36.5229, 45.6768
Hunter-Lab	50.7292, 49.4956, -43.8033

Details

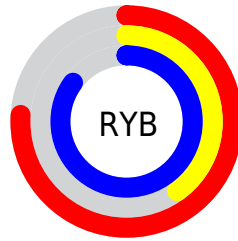
The YUV color **141.9170, 36.5229, 45.6768** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **175.0830, -36.5229, -45.6768**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7020, 29.2339, 50.2503**, and **87.2050, 36.3809, 44.5472** is the 20% darker color. If you saturate the color by 10%, you get **127.8070, 43.4791, 54.5433**, and if you desaturate by 10%, it is **156.0270, 29.5667, 36.8103**.

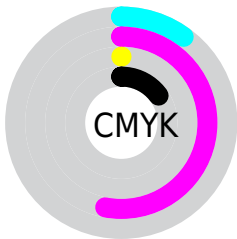
Distribution



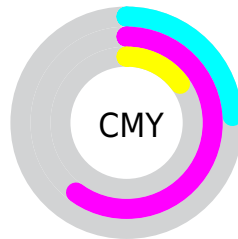
- Red (76%)
- Green (40%)
- Blue (85%)



- Red (76%)
- Yellow (40%)
- Blue (85%)



- Cyan (10%)
- Magenta (53%)
- Yellow (0%)
- Black (15%)





- Cyan (24%)
- Magenta (60%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.9170, 36.5229, 45.6768 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 141.9170, 36.5229, 45.6768 by changing the saturation by 10% instead.


 141.9170, 36.5229,
45.6768

 141.9170, 36.5229,
45.6768


255.0000, 0.0000,
0.0000


 114.5040, 36.2335,
45.1620


 195.7020, 29.2339,
50.2503


 87.2050, 36.3809,
44.5472


 212.7360, 20.8362,
37.0655


 56.3840, 38.2647,
47.0212

 229.7590, 12.4438,
22.1364

 37.4280, 34.7920,
40.8436

 246.7820, 4.0515,
7.2072

 26.5050, 27.8520,
26.7441

 17.0060, 21.1960,
14.9037

 4.8050, 15.8721,

-4.2140

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 141.9170, 36.5229,
45.6768

■ 141.9170, 36.5229,
45.6768

■ 127.8070, 43.4791,
54.5433

■ 156.0270, 29.5667,
36.8103

■ 114.2840, 50.1460,
62.8949

■ 169.5500, 22.8999,
28.4587

■ 100.1740, 57.1022,
71.7614

■ 183.6600, 15.9436,
19.5922

■ 86.3520, 63.9165,
79.4983

■ 197.4820, 9.1294,
11.8553

76.9490, 68.5521,
85.9907

211.5920, 2.1731,
2.9888

225.7020, -4.7831,
-5.8777

239.2250,
-11.4499, -14.2293

242.1820,
-12.9077, -13.3146

243.3780,
-13.4974, -10.8555

Harmonies

Analogous

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



134.1550, 58.5906, -32.5849



141.9170, 36.5229, 45.6768



133.3130, 12.6637, 91.8105

Triad

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



141.9170, 36.5229, 45.6768



130.7280, -64.4489, 44.9655



118.1900, 31.4583, -103.6526

Complementary

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



141.9170, 36.5229, 45.6768



175.0830, -36.5229, -45.6768

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.



110.3070, 3.7926, -96.7392



141.9170, 36.5229, 45.6768



124.8380, -61.5451, 0.1421

Square

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



141.9170, 36.5229, 45.6768



132.2250, -44.4809, 80.4867



110.4700, -26.8537, -67.0642



122.2430, 54.6032, -107.2071

Rectangle

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



141.9170, 36.5229, 45.6768



130.1560, -5.9929, 102.4722



110.4700, -26.8537, -67.0642



116.3830, 21.9962, -102.0679

Sweetspot

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



141.9170, 36.5229, 45.6768



228.5410, 13.0443, 16.1885



127.6110, 43.5758, -23.3378



111.8300, 7.9718, 9.7961



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.



141.9170, 36.5229, 45.6768



150.0500, 51.7404, 64.8542



144.6190, 18.4288, 62.6011



99.9450, 3.4781, 4.4332



60.7560, 54.3503, 67.7430



15.3670, 13.6231, 17.2181

Inverse Universe

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



137.8930, -7.3422, 68.4998



144.2710, -10.4866, 97.1093



172.4950, -17.9920, -62.7011



99.5170, -0.7479, 6.5626



54.8910, -10.7923, 101.8276



13.7690, -2.8441, 25.6356

Previews

White Background



This preview shows how the YUV color 141.9170, 36.5229, 45.6768 looks on a white background.

Color Contrast Check

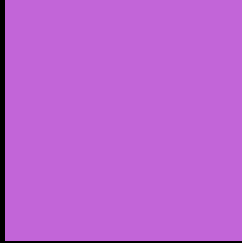
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.9170, 36.5229, 45.6768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

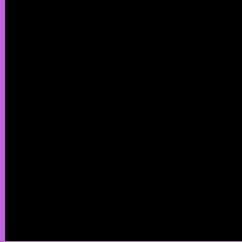
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 141.9170, 36.5229, 45.6768

Background



This preview shows how black text looks on a background with the YUV color 141.9170, 36.5229, 45.6768.



This preview shows how white text looks on a background with the YUV color 141.9170, 36.5229, 45.6768.

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

141.9170, 36.5229, 45.6768

Protanopia

134.1170, 56.1443, -41.3216

Deuteranopia

136.8250, 35.5823, -26.1565



Tritanopia

141.0800, -4.4764, 35.8868

Trichromacy



Original Color

141.9170, 36.5229, 45.6768



Protanomaly

136.7790, 48.9160, -9.4532



Deuteranomaly

139.1040, 35.9377, -0.0912



Tritanomaly

141.1140, 10.7898, 39.3650

Monochromacy



Original Color

141.9170, 36.5229, 45.6768



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.9540, 13.3337, 16.7033

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.9170, 36.5229, 45.6768 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(194, 101, 216)` looks like.

```
.text, #text, p{  
    color:rgb(194, 101, 216)  
}
```

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(194, 101, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 101, 216) }
```

Border

The CSS property to change the border of an element to YUV 141.9170, 36.5229, 45.6768 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(194, 101, 216) }
```


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

```
.border{ border-color:rgb(194, 101, 216) }
```

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

Here you see how a box with a 4 pixel rgb(194, 101, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 101, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 101, 216);  
box-shadow:4px 4px 4px 4px rgb(194, 101,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 141.9170, 36.5229, 45.6768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 101, 216) }
```

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

```
.background{ background-color: rgb(194,  
101, 216) }
```

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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