

Converting Colors

YUV(145.4300, 28.3820,
43.4729)

Have a look what the booklet for
YUV(145.4300, 28.3820, 43.4729)
contains.

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Color

**YUV(145.4300, 28.3820,
43.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	C36DCB
RGB	195, 109, 203
RGB Percent	76%, 43%, 80%
CMY	0.2353, 0.5725, 0.2039
CMYK	0.04, 0.46, 0.00, 0.20
HSL	295°, 47%, 61%
HSV	295°, 46%, 80%
XYZ	38.7538, 26.8512, 59.6402
YIQ	145.4300, 21.0820, 47.4660

Conversions

Conversions Part 2

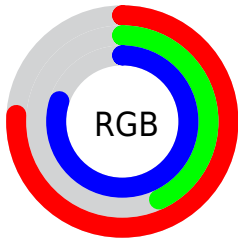
Format	Color
R_{YB}	195, 109, 203
Decimal	12807627
CIE _{Lab}	58.84, 48.19, -34.61
CIE _{LCh}	59, 59.333, 324.314
Yxy	26.8512, 0.3094, 0.2144
Android (android.graphics.Color)	4290997707 (0xFFC36DCB)
YUV	145.4300, 28.3820, 43.4729
Hunter-Lab	51.8181, 42.8151, -31.9672

Details

The YUV color **145.4300, 28.3820, 43.4729** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **166.5700, -28.3820, -43.4729**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.3980, 26.9188, 46.1320**, and **91.8920, 27.6612, 41.3137** is the 20% darker color. If you saturate the color by 10%, you get **133.0920, 34.4646, 52.5393**, and if you desaturate by 10%, it is **157.7680, 22.2994, 34.4065**.

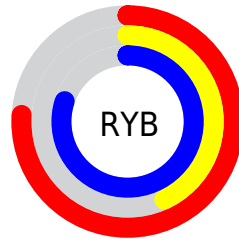
Distribution



Red (76%)

Green (43%)

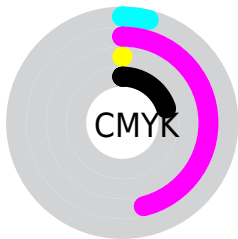
Blue (80%)



Red (76%)

Yellow (43%)

Blue (80%)

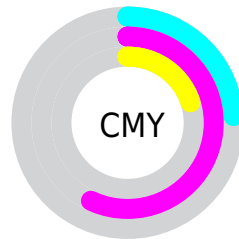


Cyan (4%)

Magenta (46%)

Yellow (0%)

Black (20%)



Cyan (24%)

Magenta (57%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.4300, 28.3820, 43.4729 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 145.4300, 28.3820, 43.4729 by changing the saturation by 10% instead.


 145.4300, 28.3820,
43.4729


 145.4300, 28.3820,
43.4729


255.0000, 0.0000,
0.0000


 118.6040, 27.8032,
42.4433


 200.3980, 26.9188,
46.1320


 91.8920, 27.6612,
41.3137


 217.4320, 18.5210,
32.9471


 64.4190, 28.3874,
41.7285

 233.8680, 10.4181,
18.5328

 36.7720, 29.6924,
43.1730

 250.8910, 2.0257,
3.6036

 26.2620, 23.0418,
29.5882

 17.3610, 16.0910,
18.9774

 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 145.4300, 28.3820,
43.4729

■ 145.4300, 28.3820,
43.4729

■ 133.0920, 34.4646,
52.5393

■ 157.7680, 22.2994,
34.4065

■ 120.4660, 40.6893,
62.7353

■ 170.3940, 16.0748,
24.2105

■ 108.1280, 46.7719,
71.8017

■ 182.7320, 9.9921,
15.1440

■ 95.7900, 52.8545,
80.8682

■ 195.0700, 3.9095,
6.0776

■ 83.4520, 58.9372,
89.9346

■ 207.9950, -2.4625,
-3.5036

■ 78.7560, 61.2523,
94.0530

■ 220.0340, -8.3978,
-13.1848

■ 232.3720,
-14.4804, -22.2512

■ 235.3180,
-15.9328, -23.0809

■ 235.9160,
-16.2276, -21.8513

Harmonies

Analogous

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



141.5780, 47.0430, -15.4159



145.4300, 28.3820, 43.4729



140.3300, 6.7393, 78.6406

Triad

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



145.4300, 28.3820, 43.4729



135.6050, -54.5283, 36.3034



118.3040, 31.8951, -103.7526

Complementary

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



145.4300, 28.3820, 43.4729



166.5700, -28.3820, -43.4729

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.



112.2620, 8.7448, -98.4538



145.4300, 28.3820, 43.4729



130.6000, -47.1308, -3.1572

Square

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



145.4300, 28.3820, 43.4729



137.9890, -39.9276, 66.6616



120.0290, -21.2133, -56.1534



120.7440, 51.3982, -105.8925

Rectangle

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



145.4300, 28.3820, 43.4729



138.1340, -9.4331, 85.8285



120.0290, -21.2133, -56.1534



116.3660, 24.4696, -102.0530

Sweetspot

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



145.4300, 28.3820, 43.4729



232.9710, 10.8603, 16.6884



124.9990, 38.4545, -14.0311



114.4880, 6.6614, 10.0960



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.



145.4300, 28.3820, 43.4729



167.4710, 43.1518, 66.2389



143.4900, 10.6044, 52.1903



95.8310, 3.0413, 4.5332



64.3720, 50.1026, 76.8498



14.7970, 11.4391, 17.7180

Inverse Universe

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



138.0180, -10.3619, 56.9892



156.1250, -15.8376, 86.7134



168.5100, -10.6044, -52.1903



95.1040, -1.0373, 6.0478



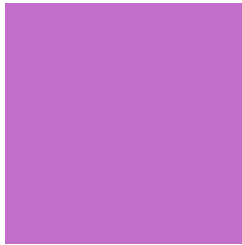
51.2300, -18.3544, 100.6533



11.7040, -4.2911, 23.0616

Previews

White Background



This preview shows how the YUV color 145.4300, 28.3820, 43.4729 looks on a white background.

Color Contrast Check

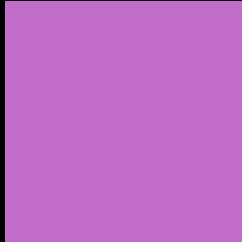
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.4300, 28.3820, 43.4729 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 145.4300, 28.3820, 43.4729

Background



This preview shows how black text looks on a background with the YUV color 145.4300, 28.3820, 43.4729.



This preview shows how white text looks on a background with the YUV color 145.4300, 28.3820,

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

145.4300, 28.3820, 43.4729

Protanopia

139.5780, 43.5920, -28.5709

Deuteranopia

141.4150, 27.4034, -16.1500



Tritanopia

144.2650, -5.0606, 36.6016

Trichromacy



Original Color

145.4300, 28.3820, 43.4729



Protanomaly

141.6630, 38.1271, -2.3355



Deuteranomaly

142.9600, 27.6277, 5.2971



Tritanomaly

144.4900, 7.1534, 39.0353

Monochromacy



Original Color

145.4300, 28.3820, 43.4729



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

145.1450, 10.2815, 15.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4300, 28.3820, 43.4729 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, 109, 203)` looks like.

```
.text, #text, p{  
    color:rgb(195, 109, 203)  
}
```

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, 109, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 109, 203) }
```

Border

The CSS property to change the border of an element to YUV 145.4300, 28.3820, 43.4729 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, 109, 203) }
```


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

```
.border{ border-color:rgb(195, 109, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 109, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 109, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 109, 203);  
box-shadow:4px 4px 4px 4px rgb(195, 109,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 145.4300, 28.3820, 43.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 109, 203) }
```

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

```
.background{ background-color: rgb(195,  
109, 203) }
```

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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