

Converting Colors

YUV(147.8520, 35.0760,
43.1028)

Have a look what the booklet for
YUV(147.8520, 35.0760, 43.1028)
contains.

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Color

**YUV(147.8520, 35.0760,
43.1028)**

Conversions

Conversions Part 1

Format	Color
Hex	C56DDB
RGB	197, 109, 219
RGB Percent	77%, 43%, 86%
CMY	0.2275, 0.5725, 0.1412
CMYK	0.10, 0.50, 0.00, 0.14
HSL	288°, 60%, 64%
HSV	288°, 50%, 86%
XYZ	41.2808, 27.9221, 70.2316
YIQ	147.8520, 17.1380, 52.8660

Conversions

Conversions Part 2

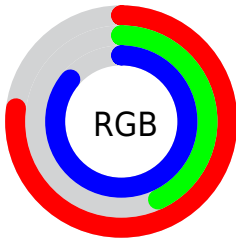
Format	Color
RYB	197, 109, 219
Decimal	12938715
CIELab	59.82, 51.85, -42.08
CIELCh	60, 66.778, 320.936
Yxy	27.9221, 0.2961, 0.2003
Android (android.graphics.Color)	4291128795 (0xFFC56DDB)
YUV	147.8520, 35.0760, 43.1028
Hunter-Lab	52.8413, 46.9757, -41.8136

Details

The YUV color **147.8520, 35.0760, 43.1028** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **180.1480, -35.0760, -43.1028**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9960, 26.6240, 47.3615**, and **93.6130, 34.2078, 41.5584** is the 20% darker color. If you saturate the color by 10%, you get **133.7420, 42.0322, 51.9693**, and if you desaturate by 10%, it is **161.9620, 28.1197, 34.2363**.

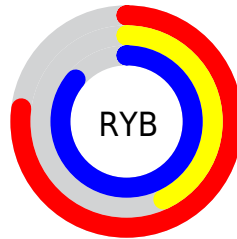
Distribution



Red (77%)

Green (43%)

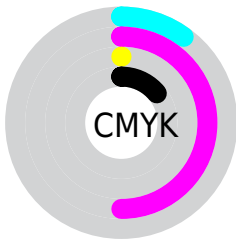
Blue (86%)



Red (77%)

Yellow (43%)

Blue (86%)

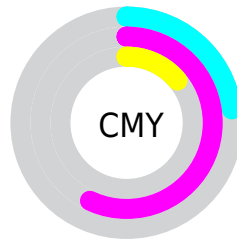


Cyan (10%)

Magenta (50%)

Yellow (0%)

Black (14%)



Cyan (23%)


Magenta (57%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.8520, 35.0760, 43.1028 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 147.8520, 35.0760, 43.1028 by changing the saturation by 10% instead.


 147.8520, 35.0760,
43.1028


 147.8520, 35.0760,
43.1028


255.0000, 0.0000,
0.0000


 121.0260, 34.4972,
42.0732


 200.9960, 26.6240,
47.3615


 93.6130, 34.2078,
41.5584


 217.4320, 18.5210,
32.9471


 66.1400, 34.9340,
41.9732

 234.4550, 10.1287,
18.0180

 38.6670, 35.6602,
42.3880

 251.4780, 1.7363,
3.0888

 28.0430, 28.5728,
28.9033

 18.7290, 21.3326,
17.7777

 4.4460, 17.0351,

-3.8991

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 147.8520, 35.0760,
43.1028

■ 147.8520, 35.0760,
43.1028

■ 133.7420, 42.0322,
51.9693

■ 161.9620, 28.1197,
34.2363

■ 119.3330, 49.1358,
60.2210

■ 176.3710, 21.0161,
25.9846

■ 105.2230, 56.0921,
69.0874

■ 190.4810, 14.0599,
17.1182

■ 90.8140, 63.1957,
77.3391

■ 204.8900, 6.9562,
8.8665

■ 77.2910, 69.8625,
85.6908

■ 219.0000, 0.0000,
0.0000

■ 232.5230, -6.6668,
-8.3517

■ 242.8230,
-11.7447, -12.9998

■ 244.0190,
-12.3344, -10.5407

■ 245.2150,
-12.9240, -8.0816

Harmonies

Analogous

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



140.5960, 56.4012, -30.3407



147.8520, 35.0760, 43.1028



141.0520, 11.8064, 86.7774

Triad

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



147.8520, 35.0760, 43.1028



135.1580, -66.6329, 45.4654



121.4670, 31.3218, -106.5266

Complementary

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



147.8520, 35.0760, 43.1028



180.1480, -35.0760, -43.1028

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.



113.9260, 4.9665, -99.9131



147.8520, 35.0760, 43.1028



129.8060, -63.0084, 2.8011

Square

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



147.8520, 35.0760, 43.1028



138.6700, -42.7283, 78.3424



119.9980, -27.6070, -58.7572



124.8190, 54.3192, -109.4663

Rectangle

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



147.8520, 35.0760, 43.1028



138.0090, -6.4134, 97.3391



119.9980, -27.6070, -58.7572



119.1870, 22.5858, -104.5270

Sweetspot

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



147.8520, 35.0760, 43.1028



230.3020, 12.1761, 14.6441



134.4540, 41.6812, -22.3232



113.0040, 7.3930, 8.7665



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.



147.8520, 35.0760, 43.1028



155.9200, 48.8464, 59.7062



150.6680, 17.4187, 59.9272



102.6460, 3.6255, 3.8185



61.2830, 55.0765, 68.1578



16.3070, 14.6386, 18.1478

Inverse Universe

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



144.3980, -6.6052, 65.4260



151.2810, -9.0125, 90.9616



177.3320, -17.4187, -59.9272



102.5170, -0.7479, 6.5626



55.7170, -10.2135, 102.8572



14.7800, -2.8495, 27.3799

Previews

White Background



This preview shows how the YUV color 147.8520, 35.0760, 43.1028 looks on a white background.

Color Contrast Check

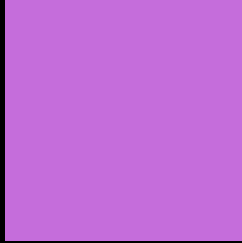
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.8520, 35.0760, 43.1028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

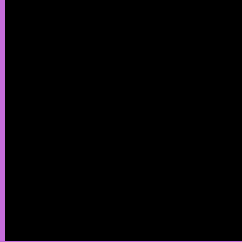
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.8520, 35.0760, 43.1028

Background



This preview shows how black text looks on a background with the YUV color 147.8520, 35.0760, 43.1028.



This preview shows how white text looks on a background with the YUV color 147.8520, 35.0760,

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

147.8520, 35.0760, 43.1028

Protanopia

140.2270, 52.6391, -37.0331

Deuteranopia

142.6080, 34.7033, -24.2122



Tritanopia

147.0690, -4.4710, 34.1425

Trichromacy



Original Color

147.8520, 35.0760, 43.1028



Protanomaly

142.8070, 46.4371, -7.7237



Deuteranomaly

144.7620, 34.6273, 0.2087



Tritanomaly

147.4620, 9.6322, 37.3058

Monochromacy



Original Color

147.8520, 35.0760, 43.1028



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.1280, 12.7549, 15.6737

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.8520, 35.0760, 43.1028 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(197, 109, 219)` looks like.

```
.text, #text, p{  
    color:rgb(197, 109, 219)  
}
```

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(197, 109, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 109, 219) }
```

Border

The CSS property to change the border of an element to YUV 147.8520, 35.0760, 43.1028 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(197, 109, 219) }
```


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

```
.border{ border-color:rgb(197, 109, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 109, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 109, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 109, 219); box-shadow:4px 4px 4px 4px rgb(197, 109, 219) }
```

Background

The CSS property to change the background color of an element to YUV 147.8520, 35.0760, 43.1028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 109, 219) }
```

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

```
.background{ background-color: rgb(197,  
109, 219) }
```

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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