

Converting Colors

YUV(165.1870, 36.8828,
23.5150)

Have a look what the booklet for
YUV(165.1870, 36.8828, 23.5150)
contains.

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Color

**YUV(165.1870, 36.8828,
23.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	C089F0
RGB	192, 137, 240
RGB Percent	75%, 54%, 94%
CMY	0.2471, 0.4627, 0.0588
CMYK	0.20, 0.43, 0.00, 0.06
HSL	272°, 77%, 74%
HSV	272°, 43%, 94%
XYZ	46.4121, 35.3891, 86.8227
YIQ	165.1870, -0.2830, 43.6930

Conversions

Conversions Part 2

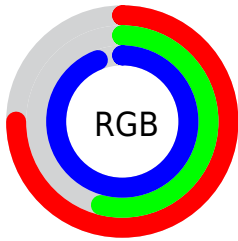
Format	Color
R_{YB}	192, 137, 240
Decimal	12618224
CIE _{Lab}	66.05, 40.07, -44.00
CIE _{LCh}	66, 59.506, 312.324
Yxy	35.3891, 0.2752, 0.2099
Android (android.graphics.Color)	4290808304 (0xFFC089F0)
YUV	165.1870, 36.8828, 23.5150
Hunter-Lab	59.4887, 35.1574, -44.8906

Details

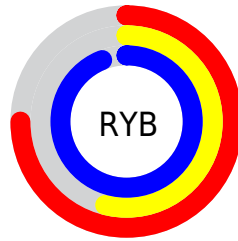
The YUV color **165.1870, 36.8828, 23.5150** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **211.8130, -36.8828, -23.5150**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.9370, 19.2581, 29.8733**, and **112.0080, 34.9991, 21.0410** is the 20% darker color. If you saturate the color by 10%, you get **147.8100, 45.4497, 29.1076**, and if you desaturate by 10%, it is **182.5640, 28.3159, 17.9224**.

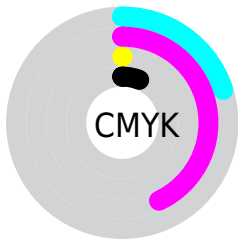
Distribution



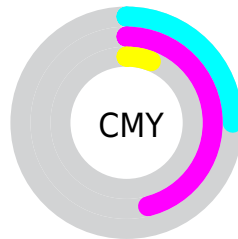
- Red (75%)
- Green (54%)
- Blue (94%)



- Red (75%)
- Yellow (54%)
- Blue (94%)



- Cyan (20%)
- Magenta (43%)
- Yellow (0%)
- Black (6%)





- Cyan (25%)
- Magenta (46%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.1870, 36.8828, 23.5150 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 165.1870, 36.8828, 23.5150 by changing the saturation by 10% instead.


 165.1870, 36.8828,
23.5150


 165.1870, 36.8828,
23.5150


255.0000, 0.0000,
0.0000


 138.2470, 35.8672,
22.5854


 215.9370, 19.2581,
29.8733


 112.0080, 34.9991,
21.0410


 233.8680, 10.4181,
18.5328

 86.1820, 34.4203,
20.0114

 250.8910, 2.0257,
3.6036

 61.3560, 33.8415,
18.9818

 35.3560, 33.8415,
18.9818

 17.9760, 30.0848,
10.5450

 6.3840, 24.4607,

-5.5988

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 165.1870, 36.8828,
23.5150

■ 165.1870, 36.8828,
23.5150

■ 147.8100, 45.4497,
29.1076

■ 182.5640, 28.3159,
17.9224

■ 130.4330, 54.0165,
34.7003

■ 199.9410, 19.7491,
12.3297

■ 112.7570, 62.7308,
39.6781

■ 217.6170, 11.0348,
7.3519

■ 95.3800, 71.2977,
45.2707

■ 234.9940, 2.4680,
1.7593

■ 78.0030, 79.8645,
50.8634

■ 251.1970, -5.5201,
-2.8038

■ 65.6320, 85.9634,
54.6967

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



152.3030, 50.6296, -45.8697



165.1870, 36.8828, 23.5150



162.8540, 15.3550, 68.5340

Triad

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



165.1870, 36.8828, 23.5150



156.1430, -50.3565, 51.6176



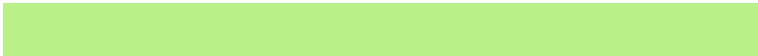
130.5170, 25.3811, -114.4634

Complementary

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



165.1870, 36.8828, 23.5150



211.8130, -36.8828, -23.5150

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.



122.3720, 1.7886, -107.3202



165.1870, 36.8828, 23.5150



152.3310, -52.4212, 13.7417

Square

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



165.1870, 36.8828, 23.5150



157.9010, -32.9822, 79.0168



145.2680, -33.6561, -31.8070



134.3420, 47.6524, -117.8179

Rectangle

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



165.1870, 36.8828, 23.5150



159.5280, -0.2603, 83.7289



145.2680, -33.6561, -31.8070



127.7640, 17.3713, -112.0490

Sweetspot

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



165.1870, 36.8828, 23.5150



231.1440, 11.7610, 7.7667



176.9180, 31.0994, -35.0081



112.6830, 7.5513, 4.6630



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.



165.1870, 36.8828, 23.5150



158.3910, 47.6282, 30.3521



179.1970, 28.4969, 53.3242



111.1620, 4.3571, 2.4889



50.2780, 65.9249, 41.8522



15.3540, 20.0385, 12.8445

Inverse Universe

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



173.2690, 5.7834, 58.5231



168.8350, 7.4763, 75.5667



197.8030, -28.4969, -53.3242



112.1580, 0.4151, 6.8774



64.8200, 10.4417, 104.5209



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 165.1870, 36.8828, 23.5150 looks on a white background.

Color Contrast Check

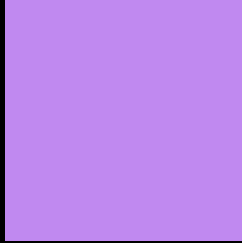
Large Text (above 18pt) WCAG AA × Fail

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 165.1870, 36.8828, 23.5150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

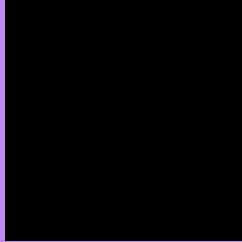
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.1870, 36.8828, 23.5150 Background



This preview shows how black text looks on a background with the YUV color 165.1870, 36.8828, 23.5150.



This preview shows how white text looks on a background with the YUV color 165.1870, 36.8828, 23.5150.

23.5150.

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

165.1870, 36.8828, 23.5150

Protanopia

158.8920, 47.3812, -30.6003

Deuteranopia

159.2810, 37.3295, -26.5564



Tritanopia

162.4410, 1.2616, 15.3992

Trichromacy



Original Color

165.1870, 36.8828, 23.5150



Protanomaly

161.1010, 43.8272, -10.6126



Deuteranomaly

161.6900, 37.1278, -8.4981



Tritanomaly

163.1930, 14.2019, 18.2477

Monochromacy



Original Color

165.1870, 36.8828, 23.5150



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.1980, 13.2134, 8.5964

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1870, 36.8828, 23.5150 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(192, 137, 240)` looks like.

```
.text, #text, p{  
    color:rgb(192, 137, 240)  
}
```

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(192, 137, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 137, 240) }
```

Border

The CSS property to change the border of an element to YUV 165.1870, 36.8828, 23.5150 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(192, 137, 240) }
```


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

```
.border{ border-color:rgb(192, 137, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 137, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 137, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 137, 240); box-shadow:4px 4px 4px 4px rgb(192, 137, 240) }
```

Background

The CSS property to change the background color of an element to YUV 165.1870, 36.8828, 23.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 137, 240) }
```

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

```
.background{ background-color: rgb(192,  
137, 240) }
```

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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