

Converting Colors

YUV(180.8360, 25.7169,
11.5448)

Have a look what the booklet for
YUV(180.8360, 25.7169, 11.5448)
contains.

YUV(180.8360, 25.7169, 11.5448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(180.8360, 25.7169,
11.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A4E9
RGB	194, 164, 233
RGB Percent	76%, 64%, 91%
CMY	0.2392, 0.3569, 0.0863
CMYK	0.17, 0.30, 0.00, 0.09
HSL	266°, 61%, 78%
HSV	266°, 30%, 91%
XYZ	50.2316, 43.9034, 82.9175
YIQ	180.8360, -4.2690, 27.8190

Conversions

Conversions Part 2

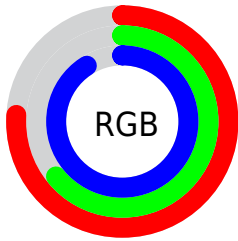
Format	Color
RYB	194, 164, 233
Decimal	12756201
CIELab	72.16, 24.23, -30.63
CIELCh	72, 39.058, 308.347
Yxy	43.9034, 0.2837, 0.2480
Android (android.graphics.Color)	4290946281 (0xFFC2A4E9)
YUV	180.8360, 25.7169, 11.5448
Hunter-Lab	66.2597, 19.3667, -27.8139

Details

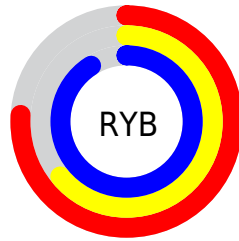
The YUV color **180.8360, 25.7169, 11.5448** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **216.1640, -25.7169, -11.5448**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6720, 11.0077, 16.0737**, and **127.4830, 24.4119, 10.1004** is the 20% darker color. If you saturate the color by 10%, you get **163.4480, 34.2891, 15.3931**, and if you desaturate by 10%, it is **198.2240, 17.1446, 7.6966**.

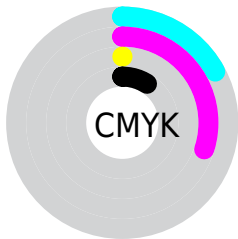
Distribution



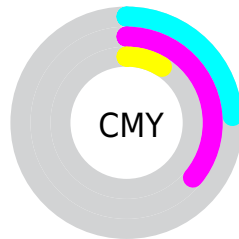
- Red (76%)
- Green (64%)
- Blue (91%)



- Red (76%)
- Yellow (64%)
- Blue (91%)



- Cyan (17%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)




- Cyan (24%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.8360, 25.7169, 11.5448 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 180.8360, 25.7169, 11.5448 by changing the saturation by 10% instead.


 180.8360, 25.7169,
11.5448


 180.8360, 25.7169,
11.5448


255.0000, 0.0000,
0.0000


 154.0100, 25.1381,
10.5152


 232.6720, 11.0077,
16.0737


 127.4830, 24.4119,
10.1004

 250.8910, 2.0257,
3.6036

 101.9560, 23.6857,
9.6856

 78.0160, 22.6701,
8.7560

 54.1900, 22.0913,
7.7264

 31.9510, 21.2232,
6.1820

 11.6090, 19.9128,

6.4819

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 180.8360, 25.7169,
11.5448

■ 180.8360, 25.7169,
11.5448

■ 163.4480, 34.2891,
15.3931

■ 198.2240, 17.1446,
7.6966

■ 145.4730, 43.1508,
19.7562

■ 216.1990, 8.2829,
3.3335

■ 127.7860, 51.8705,
22.9897

■ 233.8860, -0.4368,
0.1000

■ 110.3980, 60.4428,
26.8380

■ 250.1000, -8.4303,
-2.7187

■ 93.0100, 69.0151,
30.6862

■ 252.4920, -9.6096,
2.1995

■ 75.0350, 77.8767,
35.0493

■ 57.6470, 86.4490,
38.8976

■ 56.7610, 86.8858,
38.7976

Harmonies

Analogous

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



174.5150, 35.7351, -28.5157



180.8360, 25.7169, 11.5448



181.8370, 10.9264, 42.2390

Triad

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



180.8360, 25.7169, 11.5448



176.4740, -32.2787, 39.9263



153.0000, 16.2690, -85.0690

Complementary

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



180.8360, 25.7169, 11.5448



216.1640, -25.7169, -11.5448

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.



163.1560, -6.9789, -48.3718



180.8360, 25.7169, 11.5448



173.5650, -33.8025, 15.2905

Square

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



180.8360, 25.7169, 11.5448



178.0320, -21.7078, 56.0999



169.4840, -24.3956, -15.3335



143.1440, 37.8900, -113.2593

Rectangle

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



180.8360, 25.7169, 11.5448



180.6400, -0.3155, 54.6897



169.4840, -24.3956, -15.3335



157.0140, 8.3741, -72.8033

Sweetspot

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



180.8360, 25.7169, 11.5448



237.6120, 8.5723, 3.8483



194.7590, 18.8528, -26.9756



116.8030, 5.5201, 2.8038



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.



180.8360, 25.7169, 11.5448



185.4480, 34.2891, 15.3931



191.0020, 20.7050, 32.4472



108.7490, 4.0677, 1.9741



44.2550, 67.4153, 30.4714



13.0330, 20.1967, 8.7411

Inverse Universe

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



189.0770, 6.8640, 38.5205



196.4360, 9.1521, 51.3606



205.9980, -20.7050, -32.4472



109.9730, 0.9993, 6.1627



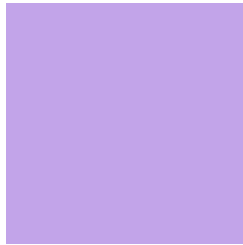
65.7470, 17.8727, 101.0769



19.5660, 5.1440, 30.1986

Previews

White Background



This preview shows how the YUV color 180.8360, 25.7169, 11.5448 looks on a white background.

Color Contrast Check

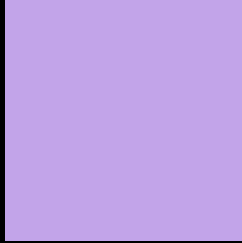
Large Text (above 18pt) WCAG AA × Fail

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 180.8360, 25.7169, 11.5448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

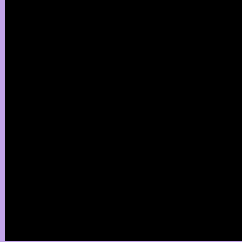
Any Text WCAG AA ✓ Pass

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 180.8360, 25.7169, 11.5448 Background



This preview shows how black text looks on a background with the YUV color 180.8360, 25.7169, 11.5448.



This preview shows how white text looks on a background with the YUV color 180.8360, 25.7169,

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

180.8360, 25.7169, 11.5448

Protanopia

177.4410, 31.3346, -17.0498

Deuteranopia

177.8070, 26.2241, -11.2317



Tritanopia

178.4830, 4.1989, 6.5924

Trichromacy



Original Color

180.8360, 25.7169, 11.5448

Protanomaly

178.6380, 29.2655, -6.6985

Deuteranomaly

178.8620, 26.1970, -2.5100

Tritanomaly

179.5570, 12.0504, 8.2815

Monochromacy



Original Color

180.8360, 25.7169, 11.5448

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1390, 9.2985, 4.2631

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8360, 25.7169, 11.5448 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, 164, 233)` looks like.

```
.text, #text, p{  
    color:rgb(194, 164, 233)  
}
```

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, 164, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 164, 233) }
```

Border

The CSS property to change the border of an element to YUV 180.8360, 25.7169, 11.5448 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, 164, 233) }
```


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

```
.border{ border-color:rgb(194, 164, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 164, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 164, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 164, 233);  
box-shadow:4px 4px 4px 4px rgb(194, 164,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 180.8360, 25.7169, 11.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 164, 233) }
```

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

```
.background{ background-color: rgb(194,  
164, 233) }
```

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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