

Converting Colors

YUV(189.3860, 21.5017,
10.1855)

Have a look what the booklet for
YUV(189.3860, 21.5017, 10.1855)
contains.

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Color

**YUV(189.3860, 21.5017,
10.1855)**

Conversions

Conversions Part 1

Format	Color
Hex	C9AFE9
RGB	201, 175, 233
RGB Percent	79%, 69%, 91%
CMY	0.2118, 0.3137, 0.0863
CMYK	0.14, 0.25, 0.00, 0.09
HSL	267°, 57%, 80%
HSV	267°, 25%, 91%
XYZ	54.1253, 48.9606, 83.6884
YIQ	189.3860, -3.1220, 23.5500

Conversions

Conversions Part 2

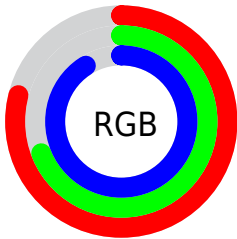
Format	Color
R_{YB}	201, 175, 233
Decimal	13217769
CIE _{Lab}	75.43, 20.35, -25.57
CIE _{LCh}	75, 32.683, 308.521
Yxy	48.9606, 0.2898, 0.2621
Android (android.graphics.Color)	4291407849 (0xFFC9AFE9)
YUV	189.3860, 21.5017, 10.1855
Hunter-Lab	69.9719, 15.6243, -21.9323

Details

The YUV color $189.3860, 21.5017, 10.1855$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $218.6140, -21.5017, -10.1855$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9120, 6.9454, 12.3552$, and $135.4460, 20.4861, 9.2559$ is the 20% darker color. If you saturate the color by 10%, you get $171.9980, 30.0740, 14.0338$, and if you desaturate by 10%, it is $206.7740, 12.9294, 6.3372$.

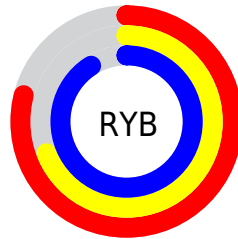
Distribution



Red (79%)

Green (69%)

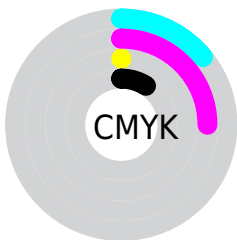
Blue (91%)



Red (79%)

Yellow (69%)

Blue (91%)

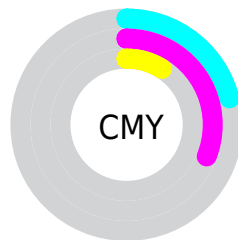


Cyan (14%)

Magenta (25%)

Yellow (0%)

Black (9%)



Cyan (21%)


Magenta (31%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.3860, 21.5017, 10.1855 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 189.3860, 21.5017, 10.1855 by changing the saturation by 10% instead.


 189.3860, 21.5017,
10.1855


 189.3860, 21.5017,
10.1855


255.0000, 0.0000,
0.0000


 161.9730, 21.2123,
9.6707


 240.9120, 6.9454,
12.3552

 135.4460, 20.4861,
9.2559

 109.9190, 19.7599,
8.8410

 85.3920, 19.0337,
8.4262

 62.1530, 18.1656,
6.8818

 39.6260, 17.4394,
6.4670

 17.5120, 17.0026,

6.5670

■ 4.1210, 13.2513,
-3.6141

■ 0.1140, 0.4368,
-0.1000

■ 189.3860, 21.5017,
10.1855

■ 189.3860, 21.5017,
10.1855

■ 171.9980, 30.0740,
14.0338

■ 206.7740, 12.9294,
6.3372

■ 154.0230, 38.9357,
18.3968

■ 224.7490, 4.0677,
1.9741

■ 136.6350, 47.5079,
22.2451

■ 242.1370, -4.5045,
-1.8741

■ 119.5460, 55.9328,
26.7082

■ 251.5950, -9.1673,
0.3552

■ 102.1580, 64.5051,
30.5564

■ 252.4920, -9.6096,
2.1995

■ 84.1830, 73.3668,
34.9195

■ 66.7950, 81.9391,
38.7678

■ 57.6580, 86.4436,
40.6419

Harmonies

Analogous

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



184.6530, 29.7511, -22.4977



189.3860, 21.5017, 10.1855



190.3370, 9.2009, 35.6615

Triad

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



189.3860, 21.5017, 10.1855



185.7060, -27.4631, 35.3378



169.9920, 11.8359, -63.1370

Complementary

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



189.3860, 21.5017, 10.1855



218.6140, -21.5017, -10.1855

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.



175.4390, -6.1324, -39.8500



189.3860, 21.5017, 10.1855



183.3350, -28.2662, 12.8612

Square

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



189.3860, 21.5017, 10.1855



187.7860, -18.6285, 48.4227



179.5320, -20.4753, -12.7446



169.6070, 25.8297, -71.5693

Rectangle

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



189.3860, 21.5017, 10.1855



189.7700, -0.8726, 46.6827



179.5320, -20.4753, -12.7446



171.7280, 5.5571, -55.8895

Sweetspot

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



189.3860, 21.5017, 10.1855



241.4440, 6.6831, 3.1186



200.9830, 15.7844, -22.7871



119.7490, 4.0677, 1.9741



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.



189.3860, 21.5017, 10.1855



197.8300, 28.1848, 13.3041



197.7580, 17.3743, 27.3992



108.7490, 4.0677, 1.9741



44.8530, 67.1205, 31.7009



13.3320, 20.0493, 9.3558

Inverse Universe

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



195.9900, 5.4279, 32.4578



206.5120, 7.1426, 42.5240



210.2420, -17.3743, -27.3992



109.9730, 0.9993, 6.1627



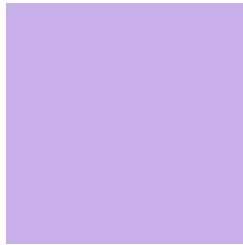
65.5190, 16.9991, 101.2768



19.5660, 5.1440, 30.1986

Previews

White Background



This preview shows how the YUV color 189.3860, 21.5017, 10.1855 looks on a white background.

Color Contrast Check

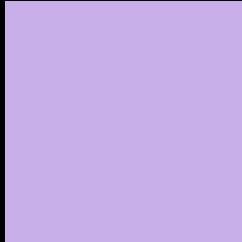
Large Text (above 18pt) WCAG AA × Fail

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 189.3860, 21.5017, 10.1855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

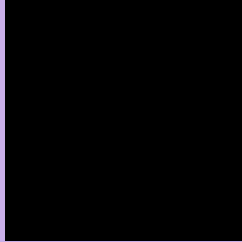
Any Text WCAG AA ✓ Pass

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 189.3860, 21.5017, 10.1855 Background



This preview shows how black text looks on a background with the YUV color 189.3860, 21.5017, 10.1855.



This preview shows how white text looks on a background with the YUV color 189.3860, 21.5017,

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

189.3860, 21.5017, 10.1855

Protanopia

186.3830, 25.9402, -13.4909

Deuteranopia

187.4010, 21.9873, -5.6137



Tritanopia

187.4830, 4.1989, 6.5924

Trichromacy



Original Color

189.3860, 21.5017, 10.1855

Protanomaly

187.6830, 24.3133, -4.9840

Deuteranomaly

187.7330, 21.8236, 0.2342

Tritanomaly

187.8020, 10.4506, 8.0666

Monochromacy



Original Color

189.3860, 21.5017, 10.1855

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0850, 7.8461, 3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3860, 21.5017, 10.1855 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(201, 175, 233)` looks like.

```
.text, #text, p{  
    color:rgb(201, 175, 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(201, 175, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 175, 233) }
```

Border

The CSS property to change the border of an element to YUV 189.3860, 21.5017, 10.1855 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(201, 175, 233) }
```


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

```
.border{ border-color:rgb(201, 175, 233) }
```

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

Here you see how a box with a 4 pixel rgb(201, 175, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 175, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 175, 233);  
box-shadow:4px 4px 4px 4px rgb(201, 175,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 189.3860, 21.5017, 10.1855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 175, 233) }
```

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

```
.background{ background-color: rgb(201,  
175, 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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