

Converting Colors

YUV(201.8760, 18.3021, 9.7557)

Have a look what the booklet for
YUV(201.8760, 18.3021, 9.7557)
contains.

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Color

**YUV(201.8760, 18.3021,
9.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BDEF
RGB	213, 189, 239
RGB Percent	84%, 74%, 94%
CMY	0.1647, 0.2588, 0.0627
CMYK	0.11, 0.21, 0.00, 0.06
HSL	269°, 61%, 84%
HSV	269°, 21%, 94%
XYZ	61.2182, 56.7733, 89.3932
YIQ	201.8760, -1.7460, 20.6380

Conversions

Conversions Part 2

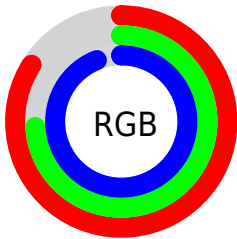
Format	Color
R _Y B	213, 189, 239
Decimal	14007791
CIE Lab	80.05, 17.78, -21.67
CIE LCh	80, 28.031, 309.379
Yxy	56.7733, 0.2952, 0.2738
Android (android.graphics.Color)	4292197871 (0xFFD5BDEF)
YUV	201.8760, 18.3021, 9.7557
Hunter-Lab	75.3481, 13.1670, -17.5982

Details

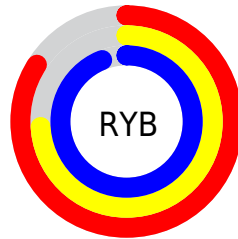
The YUV color $201.8760, 18.3021, 9.7557$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $226.1240, -18.3021, -9.7557$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1300, 2.8939, 5.1480$, and $147.9360, 17.2866, 8.8261$ is the 20% darker color. If you saturate the color by 10%, you get $184.2000, 27.0164, 14.7336$, and if you desaturate by 10%, it is $219.5520, 9.5879, 4.7779$.

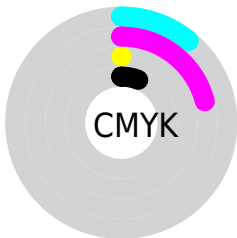
Distribution



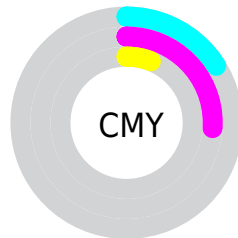
- Red (84%)
- Green (74%)
- Blue (94%)



- Red (84%)
- Yellow (74%)
- Blue (94%)



- Cyan (11%)
- Magenta (21%)
- Yellow (0%)
- Black (6%)





- Cyan (16%)
- Magenta (26%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 201.8760, 18.3021, 9.7557 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 201.8760, 18.3021, 9.7557 by changing the saturation by 10% instead.


 201.8760, 18.3021,
9.7557


 201.8760, 18.3021,
9.7557


255.0000, 0.0000,
0.0000


 174.4630, 18.0127,
9.2409


 249.1300, 2.8939,
5.1480

 147.9360, 17.2866,
8.8261

 121.8220, 16.8498,
8.9261

 96.9960, 16.2710,
7.8965

 72.5830, 15.9816,
7.3817

 49.9420, 14.8186,
7.0669

 28.1160, 14.2398,

6.0373

■ 9.4860, 13.0714,
7.4668

■ 1.2540, 4.8048,
-1.0998

■ 201.8760, 18.3021,
9.7557

■ 201.8760, 18.3021,
9.7557

■ 184.2000, 27.0164,
14.7336

■ 219.5520, 9.5879,
4.7779

■ 166.2250, 35.8781,
19.0967

■ 237.5270, 0.7262,
0.4148

■ 148.5490, 44.5923,
24.0745

■ 251.6810, -6.2517,
-1.4742

■ 130.5740, 53.4540,
28.4376

■ 253.1760, -6.9888,
1.5996

■ 113.4850, 61.8789,
32.9007

■ 95.5100, 70.7406,
37.2637

■ 77.8340, 79.4548,
42.2416

■ 61.6310, 87.4429,
46.8046

Harmonies

Analogous

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



197.9480, 25.6616, -17.4944



201.8760, 18.3021, 9.7557



203.1470, 7.3225, 31.4431

Triad

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



201.8760, 18.3021, 9.7557



199.1830, -24.2472, 30.5345



186.4880, 9.6194, -52.1710

Complementary

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



201.8760, 18.3021, 9.7557



226.1240, -18.3021, -9.7557

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.



189.9990, -5.4225, -34.2021



201.8760, 18.3021, 9.7557



196.0620, -24.1876, 11.3466

Square

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



201.8760, 18.3021, 9.7557



200.9100, -16.7176, 42.1749



193.3410, -17.4231, -11.7001



186.9680, 21.7078, -56.0999

Rectangle

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



201.8760, 18.3021, 9.7557



202.9110, -1.4351, 40.4201



193.3410, -17.4231, -11.7001



187.5550, 4.6564, -46.9677

Sweetspot

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



201.8760, 18.3021, 9.7557



243.8030, 5.5201, 2.8038



210.5490, 14.0263, -18.8985



121.2220, 3.3416, 1.5593



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.



201.8760, 18.3021, 9.7557



207.5650, 23.3855, 12.6595



209.0520, 14.7644, 24.5104



111.1620, 4.3571, 2.4889



47.2880, 67.3990, 35.7044



14.4570, 20.4807, 11.0002

Inverse Universe

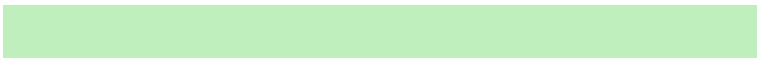
The Inverse Universe completely reimagines the original color for something new.



206.9140, 3.9864, 28.1394



213.8980, 4.9803, 36.0465



218.9480, -14.7644, -24.5104



112.2720, 0.8519, 6.7775



65.8460, 14.3729, 103.6211



20.0500, 4.4123, 31.5282

Previews

White Background



This preview shows how the YUV color 201.8760, 18.3021, 9.7557 looks on a white background.

Color Contrast Check

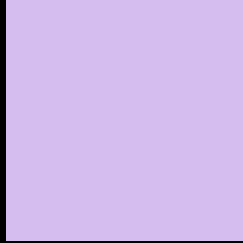
Large Text (above 18pt) WCAG AA × Fail

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 201.8760, 18.3021, 9.7557 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 201.8760, 18.3021, 9.7557

Background



This preview shows how black text looks on a background with the YUV color 201.8760, 18.3021, 9.7557.



This preview shows how white text looks on a background with the YUV color 201.8760, 18.3021, 9.7557.

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

201.8760, 18.3021, 9.7557

Protanopia

199.6670, 21.8562, -10.2320

Deuteranopia

200.2120, 18.6295, -1.9399



Tritanopia

200.0100, 4.9251, 7.0072

Trichromacy



Original Color

201.8760, 18.3021, 9.7557

Protanomaly

200.3690, 20.5241, -2.9546

Deuteranomaly

200.5330, 18.4712, 2.1636

Tritanomaly

200.6880, 10.0138, 8.1666

Monochromacy



Original Color

201.8760, 18.3021, 9.7557

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.7430, 6.5357, 3.7334

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.8760, 18.3021, 9.7557 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(213, 189, 239)` looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 239)  
}
```

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(213, 189, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 239) }
```

Border

The CSS property to change the border of an element to YUV 201.8760, 18.3021, 9.7557 is called "border". The border property can be set on classes, ids or directly on the HTML element.

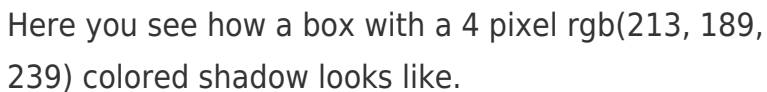
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 189, 239) }
```


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

```
.border{ border-color:rgb(213, 189, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 189, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 189, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 189, 239); box-shadow:4px 4px 4px 4px rgb(213, 189, 239) }
```

Background

The CSS property to change the background color of an element to YUV 201.8760, 18.3021, 9.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 239) }
```

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

```
.background{ background-color: rgb(213,  
189, 239) }
```

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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