

Converting Colors

YUV(206.4060, 7.6878, 7.5369)

Have a look what the booklet for
YUV(206.4060, 7.6878, 7.5369)
contains.

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Color

**YUV(206.4060, 7.6878,
7.5369)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C7DE
RGB	215, 199, 222
RGB Percent	84%, 78%, 87%
CMY	0.1569, 0.2196, 0.1294
CMYK	0.03, 0.10, 0.00, 0.13
HSL	282°, 26%, 83%
HSV	282°, 10%, 87%
XYZ	61.6326, 60.5678, 77.5496
YIQ	206.4060, 2.1530, 10.5450

Conversions

Conversions Part 2

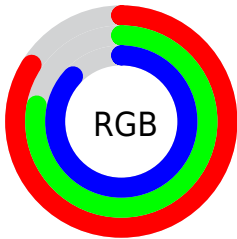
Format	Color
R _Y B	215, 199, 222
Decimal	14141406
CIE Lab	82.15, 9.73, -9.39
CIE LCh	82, 13.524, 316.016
Yxy	60.5678, 0.3085, 0.3032
Android (android.graphics.Color)	4292331486 (0xFFD7C7DE)
YUV	206.4060, 7.6878, 7.5369
Hunter-Lab	77.8253, 5.1659, -4.6022

Details

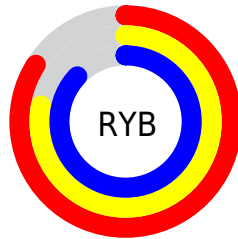
The YUV color `206.4060, 7.6878, 7.5369` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `214.5940, -7.6878, -7.5369`, and the grayscale version is `206.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `151.9930, 7.3985, 7.0221` is the 20% darker color. If you saturate the color by 10%, you get `191.3990, 15.0863, 14.5591`, and if you desaturate by 10%, it is `221.4130, 0.2894, 0.5148`.

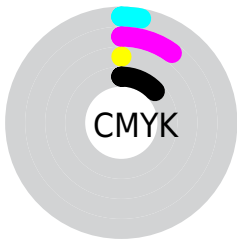
Distribution



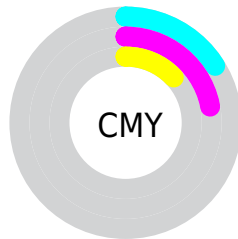
- Red (84%)
- Green (78%)
- Blue (87%)



- Red (84%)
- Yellow (78%)
- Blue (87%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.4060, 7.6878, 7.5369 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 206.4060, 7.6878, 7.5369 by changing the saturation by 10% instead.

■ 206.4060, 7.6878,
7.5369

■ 206.4060, 7.6878,
7.5369

255.0000, 0.0000,
0.0000

■ 178.9930, 7.3985,
7.0221

■ 151.9930, 7.3985,
7.0221

■ 125.9930, 7.3985,
7.0221

■ 101.4660, 6.6723,
6.6073

■ 77.0530, 6.3829,
6.0925

■ 54.6400, 6.0935,
5.5777

■ 33.2270, 5.8041,

5.0629

■ 9.4170, 7.6824,
9.2813

■ 0.0000, 0.0000,
0.0000

■ 206.4060, 7.6878,
7.5369

■ 206.4060, 7.6878,
7.5369

■ 191.3990, 15.0863,
14.5591

■ 221.4130, 0.2894,
0.5148

■ 176.3920, 22.4847,
21.5812

■ 236.4200, -7.1091,
-6.5073

■ 161.0970, 30.0252,
29.7329

■ 245.2580,
-11.4662, -8.9963

■ 146.0900, 37.4236,
36.7551

■ 247.3510,
-12.4980, -4.6928

■ 131.0830, 44.8221,
43.7772

■ 249.4440,
-13.5299, -0.3894

■ 116.0760, 52.2205,
50.7993

■ 251.2380,
-14.4143, 3.2993

■ 101.3680, 59.4716,
58.4363

■ 85.7740, 67.1594,
65.9732

■ 71.3540, 74.2685,
72.4805

Harmonies

Analogous

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



204.7680, 11.9464, -5.0585



206.4060, 7.6878, 7.5369



206.9790, 1.9824, 17.5584

Triad

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



206.4060, 7.6878, 7.5369



204.5860, -12.1209, 14.3951



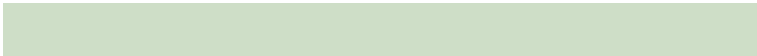
200.2250, 5.3121, -23.8763

Complementary

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



206.4060, 7.6878, 7.5369



214.5940, -7.6878, -7.5369

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.



200.2490, -1.1088, -17.7584



206.4060, 7.6878, 7.5369



203.3350, -11.5042, 3.2142

Square

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



206.4060, 7.6878, 7.5369



206.0150, -9.3744, 20.1578



201.5940, -7.6878, -7.5369



200.6040, 10.5482, -23.3317

Rectangle

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



206.4060, 7.6878, 7.5369



207.1490, -2.5385, 20.9173



201.5940, -7.6878, -7.5369



199.9540, 2.9807, -22.7617

Sweetspot

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



206.4060, 7.6878, 7.5369



249.7060, 2.6099, 2.8888



205.7310, 8.0206, -5.9031



123.8800, 2.0312, 1.8592



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.



206.4060, 7.6878, 7.5369



234.1120, 10.2978, 10.4258



208.0430, 4.9088, 12.2403



104.6460, 3.6255, 3.8185



56.5420, 58.8928, 57.4067



15.6380, 15.9545, 16.1035

Inverse Universe

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



206.6750, -0.3328, 13.4400



234.4090, -0.2016, 18.0583



212.9570, -4.9088, -12.2403



104.6310, -0.3111, 6.4626



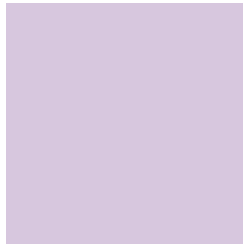
58.7800, -2.3565, 102.8019



16.0620, -0.5236, 28.0096

Previews

White Background



This preview shows how the YUV color 206.4060, 7.6878, 7.5369 looks on a white background.

Color Contrast Check

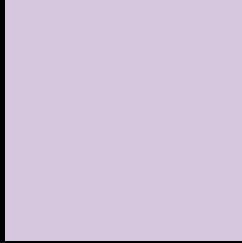
Large Text (above 18pt) WCAG AA × Fail

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 206.4060, 7.6878, 7.5369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

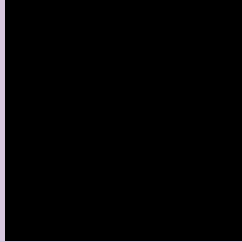
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.4060, 7.6878, 7.5369

Background



This preview shows how black text looks on a background with the YUV color 206.4060, 7.6878, 7.5369.



This preview shows how white text looks on a background with the YUV color 206.4060, 7.6878,

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

206.4060, 7.6878, 7.5369

Protanopia

205.0950, 9.3202, -2.7143

Deuteranopia

206.7050, 7.5404, 8.1517



Tritanopia

206.0100, 4.9251, 7.0072

Trichromacy



Original Color

206.4060, 7.6878, 7.5369

Protanomaly

205.8890, 8.4357, 0.9743

Deuteranomaly

206.7050, 7.5404, 8.1517

Tritanomaly

206.2380, 5.7987, 6.8073

Monochromacy



Original Color

206.4060, 7.6878, 7.5369

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.8200, 3.0467, 2.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4060, 7.6878, 7.5369 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(215, 199, 222)` looks like.

```
.text, #text, p{  
    color:rgb(215, 199, 222)  
}
```

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(215, 199, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 199, 222) }
```

Border

The CSS property to change the border of an element to YUV 206.4060, 7.6878, 7.5369 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(215, 199, 222) }
```


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

```
.border{ border-color:rgb(215, 199, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 199, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 199, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 199, 222);  
box-shadow:4px 4px 4px 4px rgb(215, 199,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 206.4060, 7.6878, 7.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 199, 222) }
```

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

```
.background{ background-color: rgb(215,  
199, 222) }
```

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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