

Converting Colors

YUV(206.3200, 4.7722, 9.3664)

Have a look what the booklet for
YUV(206.3200, 4.7722, 9.3664)
contains.

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Color

**YUV(206.3200, 4.7722,
9.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C7D8
RGB	217, 199, 216
RGB Percent	85%, 78%, 85%
CMY	0.1490, 0.2196, 0.1529
CMYK	0.00, 0.08, 0.00, 0.15
HSL	303°, 19%, 82%
HSV	303°, 8%, 85%
XYZ	61.4334, 60.5564, 73.4164
YIQ	206.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

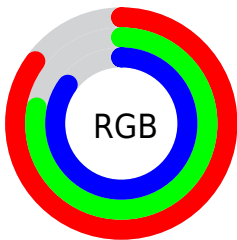
Format	Color
R _Y B	217, 199, 216
Decimal	14272472
CIE Lab	82.14, 9.29, -6.17
CIE LCh	82, 11.154, 326.406
Yxy	60.5564, 0.3144, 0.3099
Android (android.graphics.Color)	4292462552 (0xFFD9C7D8)
YUV	206.3200, 4.7722, 9.3664
Hunter-Lab	77.8180, 4.7352, -1.4638

Details

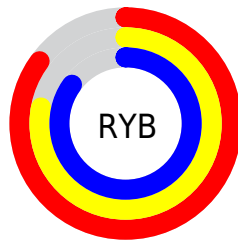
The YUV color `206.3200, 4.7722, 9.3664` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `209.6800, -4.7722, -9.3664`, and the grayscale version is `206.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `151.9070, 4.4828, 8.8516` is the 20% darker color. If you saturate the color by 10%, you get `193.2920, 10.7020, 20.7919`, and if you desaturate by 10%, it is `219.3480, -1.1576, -2.0592`.

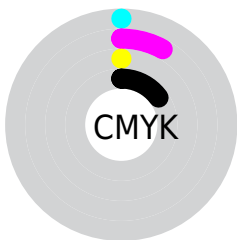
Distribution



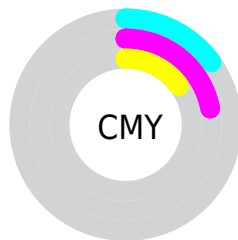
- Red (85%)
- Green (78%)
- Blue (85%)



- Red (85%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.3200, 4.7722, 9.3664 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 206.3200, 4.7722, 9.3664 by changing the saturation by 10% instead.

■ 206.3200, 4.7722,
9.3664

■ 206.3200, 4.7722,
9.3664

255.0000, 0.0000,
0.0000

■ 178.9070, 4.4828,
8.8516

■ 151.9070, 4.4828,
8.8516

■ 125.9070, 4.4828,
8.8516

■ 101.1950, 4.3409,
7.7220

■ 77.0810, 3.9041,
7.8220

■ 54.6680, 3.6147,
7.3072

■ 33.2550, 3.3253,

6.7924

■ 9.1460, 5.3510,
10.3960

■ 0.0000, 0.0000,
0.0000

■ 206.3200, 4.7722,
9.3664

■ 206.3200, 4.7722,
9.3664

■ 193.2920, 10.7020,
20.7919

■ 219.3480, -1.1576,
-2.0592

■ 180.8510, 16.3425,
31.7027

■ 231.7890, -6.7980,
-12.9700

■ 167.7090, 21.8355,
43.2282

■ 239.6480, -9.6865,
-19.8623

■ 154.6810, 27.7653,
54.6538

■ 239.7620, -9.2497,
-19.9623

142.2400, 33.4057,
65.5645

239.8760, -8.8129,
-20.0623

129.2120, 39.3355,
76.9901

239.9900, -8.3761,
-20.1622

116.1840, 45.2653,
88.4156

240.1040, -7.9393,
-20.2622

103.0420, 50.7583,
99.9412

240.3320, -7.0657,
-20.4622

90.6010, 56.3987,
110.8519

240.4460, -6.6289,
-20.5621

Harmonies

Analogous

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



205.2910, 8.7305, -0.2552



206.3200, 4.7722, 9.3664



206.3980, -0.1962, 16.3140

Triad

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



206.3200, 4.7722, 9.3664



204.1230, -9.9206, 8.6621



200.7740, 6.0274, -19.9728

Complementary

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



206.3200, 4.7722, 9.3664



209.6800, -4.7722, -9.3664

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.



201.4170, 0.7804, -17.0287



206.3200, 4.7722, 9.3664



202.7090, -8.7305, 0.2552

Square

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



206.3200, 4.7722, 9.3664



205.3950, -9.0687, 15.4396



201.6800, -4.7722, -9.3664



202.2950, 9.2216, -17.7987

Rectangle

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



206.3200, 4.7722, 9.3664



206.1980, -3.5486, 18.2434



201.6800, -4.7722, -9.3664



201.3180, 4.2802, -19.5729

Sweetspot

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



206.3200, 4.7722, 9.3664



252.0650, 1.4470, 2.5740



201.3510, 7.7150, -1.1848



126.1250, 0.4314, 1.6444



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.



206.3200, 4.7722, 9.3664



240.2110, 6.7980, 12.9700



205.2940, 0.8411, 10.2662



103.4290, 2.7465, 5.7628



70.4230, 46.1335, 89.9600



18.6560, 12.0016, 23.9807

Inverse Universe

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



206.3200, 4.7722, 9.3664



240.2110, 6.7980, 12.9700



210.7060, -0.8411, -10.2662



103.4290, 2.7465, 5.7628



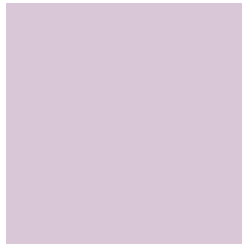
70.4230, 46.1335, 89.9600



18.6560, 12.0016, 23.9807

Previews

White Background



This preview shows how the YUV color 206.3200, 4.7722, 9.3664 looks on a white background.

Color Contrast Check

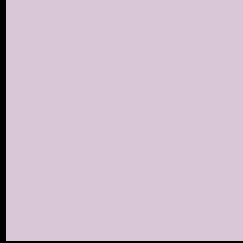
Large Text (above 18pt) WCAG AA × Fail

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 206.3200, 4.7722, 9.3664 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 206.3200, 4.7722, 9.3664

Background



This preview shows how black text looks on a background with the YUV color 206.3200, 4.7722, 9.3664.

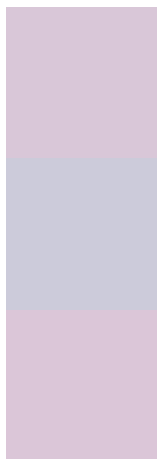


This preview shows how white text looks on a background with the YUV color 206.3200, 4.7722,

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

206.3200, 4.7722, 9.3664

Protanopia

205.0090, 6.4046, -0.8849

Deuteranopia

206.3310, 4.7668, 11.1107



Tritanopia

206.2060, 4.3354, 9.4663

Trichromacy



Original Color

206.3200, 4.7722, 9.3664

Protanomaly

205.8030, 5.5201, 2.8038

Deuteranomaly

206.0320, 4.9142, 10.4959

Tritanomaly

206.2060, 4.3354, 9.4663

Monochromacy



Original Color

206.3200, 4.7722, 9.3664

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.8910, 2.0257, 3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.3200, 4.7722, 9.3664 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(217, 199, 216)` looks like.

```
.text, #text, p{  
    color:rgb(217, 199, 216)  
}
```

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(217, 199, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 199, 216) }
```

Border

The CSS property to change the border of an element to YUV 206.3200, 4.7722, 9.3664 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(217, 199, 216) }
```


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

```
.border{ border-color:rgb(217, 199, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 199, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 199, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 199, 216);  
box-shadow:4px 4px 4px 4px rgb(217, 199,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 206.3200, 4.7722, 9.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 199, 216) }
```

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

```
.background{ background-color: rgb(217,  
199, 216) }
```

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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