

Converting Colors

YUV(217.7380, 4.0732, 0.2298)

Have a look what the booklet for
YUV(217.7380, 4.0732, 0.2298)
contains.

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Color

**YUV(217.7380, 4.0732,
0.2298)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD8E2
RGB	218, 216, 226
RGB Percent	85%, 85%, 89%
CMY	0.1451, 0.1529, 0.1137
CMYK	0.04, 0.04, 0.00, 0.11
HSL	252°, 15%, 87%
HSV	252°, 4%, 89%
XYZ	67.1968, 69.5081, 81.8263
YIQ	217.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

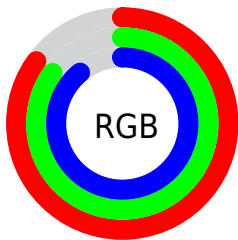
Format	Color
R _Y B	218, 216, 226
Decimal	14342370
CIE Lab	86.76, 2.51, -4.67
CIE LCh	87, 5.303, 298.296
Yxy	69.5081, 0.3075, 0.3181
Android (android.graphics.Color)	4292532450 (0xFFDAD8E2)
YUV	217.7380, 4.0732, 0.2298
Hunter-Lab	83.3715, -2.0307, 0.1690

Details

The YUV color $217.7380, 4.0732, 0.2298$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $224.2620, -4.0732, -0.2298$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.7380, 4.0732, 0.2298$ is the 20% darker color. If you saturate the color by 10%, you get $198.8550, 13.3825, 1.0042$, and if you desaturate by 10%, it is $236.6210, -5.2362, -0.5446$.

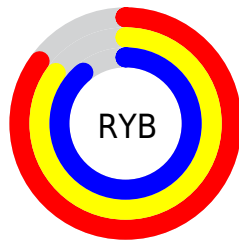
Distribution



Red (85%)

Green (85%)

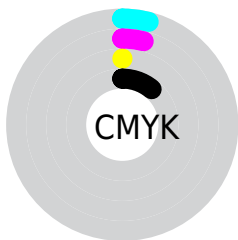
Blue (89%)



Red (85%)

Yellow (85%)

Blue (89%)

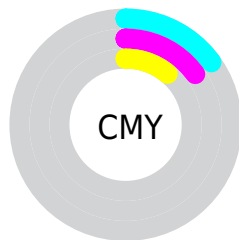


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.7380, 4.0732, 0.2298 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 217.7380, 4.0732, 0.2298 by changing the saturation by 10% instead.

■ 217.7380, 4.0732,
0.2298

■ 217.7380, 4.0732,
0.2298

255.0000, 0.0000,
0.0000

■ 189.7380, 4.0732,
0.2298

■ 162.7380, 4.0732,
0.2298

■ 136.6240, 3.6364,
0.3298

■ 111.3250, 3.7838,
-0.2850

■ 86.6240, 3.6364,
0.3298

■ 63.5100, 3.1996,
0.4297

■ 41.5100, 3.1996,

0.4297

■ 21.3960, 2.7628,
0.5297

■ 0.0000, 0.0000,
0.0000

■ 217.7380, 4.0732,
0.2298

■ 217.7380, 4.0732,
0.2298

■ 198.8550, 13.3825,
1.0042

■ 236.6210, -5.2362,
-0.5446

■ 180.5590, 22.4024,
1.2638

■ 251.3950,
-12.5197, 2.2846

■ 161.6760, 31.7117,
2.0381

■ 251.6940,
-12.6671, 2.8994

■ 143.3800, 40.7317,
2.2977

■ 124.4970, 50.0410,
3.0721

■ 105.6140, 59.3503,
3.8465

■ 87.0190, 68.5176,
3.4913

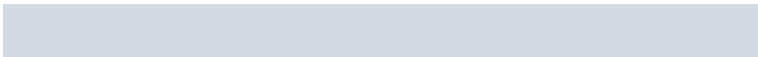
■ 68.1360, 77.8270,
4.2657

■ 49.8400, 86.8469,
4.5253

Harmonies

Analogous

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



217.2320, 4.8156, -4.5885



217.7380, 4.0732, 0.2298



218.6030, 2.1677, 4.7332

Triad

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



217.7380, 4.0732, 0.2298



217.6050, -4.2423, 7.3624



215.4720, 0.7533, -8.3069

Complementary

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



217.7380, 4.0732, 0.2298



224.2620, -4.0732, -0.2298

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.



216.0980, -2.0203, -5.3479



217.7380, 4.0732, 0.2298



217.3550, -5.1050, 4.0737

Square

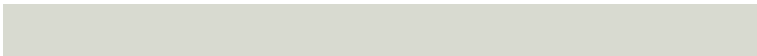
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.7380, 4.0732, 0.2298



218.0720, -2.5005, 8.7069



216.2620, -4.0732, -0.2298



215.7430, 3.0847, -9.4216

Rectangle

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



217.7380, 4.0732, 0.2298



218.4570, 0.2677, 7.4922



216.2620, -4.0732, -0.2298



215.8420, -0.4151, -6.8774

Sweetspot

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



217.7380, 4.0732, 0.2298



252.6410, 1.1630, 0.3148



221.8360, 2.0529, -5.1182



126.2280, 0.8736, -0.2000



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.



217.7380, 4.0732, 0.2298



244.3790, 5.2362, 0.5446



219.2330, 3.3361, 3.3037



106.3960, 2.7628, 0.5297



30.5290, 71.7172, 3.9211



8.4620, 19.4922, 1.3488

Inverse Universe

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



219.9020, 2.0203, 5.3479



247.0270, 2.4517, 6.9923



222.7670, -3.3361, -3.3037



107.7770, 1.5889, 3.7036



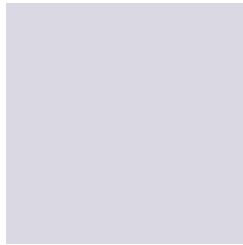
68.6980, 35.6449, 94.1039



18.7980, 9.9596, 25.6102

Previews

White Background



This preview shows how the YUV color 217.7380, 4.0732, 0.2298 looks on a white background.

Color Contrast Check

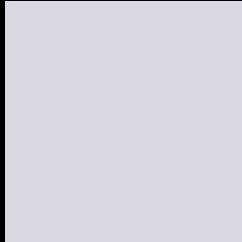
Large Text (above 18pt) WCAG AA × Fail

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 217.7380, 4.0732, 0.2298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

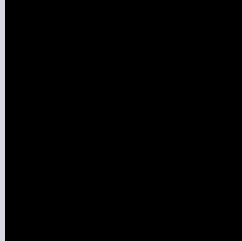
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

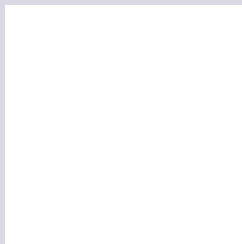
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.7380, 4.0732, 0.2298

Background



This preview shows how black text looks on a background with the YUV color 217.7380, 4.0732, 0.2298.



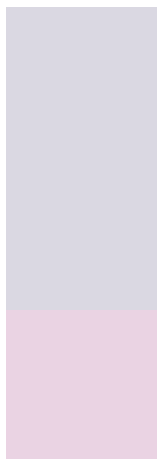
This preview shows how white text looks on a background with the YUV color 217.7380, 4.0732,

0.2298.

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

217.7380, 4.0732, 0.2298

Protanopia

217.7380, 4.0732, 0.2298

Deuteranopia

219.7010, 3.5984, 12.5402



Tritanopia

218.1340, 6.8359, 0.7595

Trichromacy



Original Color

217.7380, 4.0732, 0.2298

Protanomaly

217.7380, 4.0732, 0.2298

Deuteranomaly

219.0810, 3.9041, 7.8220

Tritanomaly

217.9060, 5.9623, 0.9594

Monochromacy



Original Color

217.7380, 4.0732, 0.2298

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.7550, 1.5998, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.7380, 4.0732, 0.2298 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(218, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(218, 216, 226)  
}
```

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(218, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 216, 226) }
```

Border

The CSS property to change the border of an element to YUV 217.7380, 4.0732, 0.2298 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(218, 216, 226) }
```


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

```
.border{ border-color:rgb(218, 216, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 216, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(218, 216,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 217.7380, 4.0732, 0.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 216, 226) }
```

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

```
.background{ background-color: rgb(218,  
216, 226) }
```

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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