

Converting Colors

YUV(202.7380, 4.0732, 0.2298)

Have a look what the booklet for
YUV(202.7380, 4.0732, 0.2298)
contains.

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Color

**YUV(202.7380, 4.0732,
0.2298)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC9D3
RGB	203, 201, 211
RGB Percent	80%, 79%, 83%
CMY	0.2039, 0.2118, 0.1725
CMYK	0.04, 0.05, 0.00, 0.17
HSL	252°, 10%, 81%
HSV	252°, 5%, 83%
XYZ	57.2731, 59.1729, 70.0309
YIQ	202.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

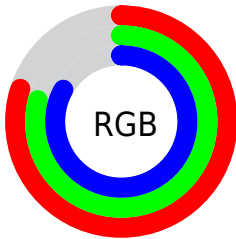
Format	Color
R _Y B	203, 201, 211
Decimal	13355475
CIE Lab	81.39, 2.55, -4.73
CIE LCh	81, 5.375, 298.317
Yxy	59.1729, 0.3071, 0.3173
Android (android.graphics.Color)	4291545555 (0xFFC9D3)
YUV	202.7380, 4.0732, 0.2298
Hunter-Lab	76.9240, -1.7162, -0.1303

Details

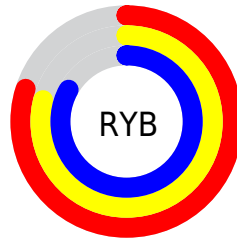
The YUV color `202.7380, 4.0732, 0.2298` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `209.2620, -4.0732, -0.2298`, and the grayscale version is `203.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `148.7380, 4.0732, 0.2298` is the 20% darker color. If you saturate the color by 10%, you get `185.3280, 12.6563, 0.5893`, and if you desaturate by 10%, it is `220.1480, -4.5100, -0.1298`.

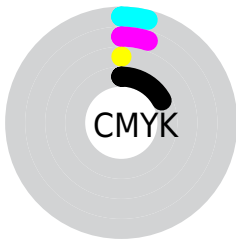
Distribution



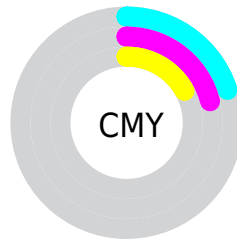
- Red (80%)
- Green (79%)
- Blue (83%)



- Red (80%)
- Yellow (79%)
- Blue (83%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.7380, 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 202.7380, 4.0732, 0.2298 by changing the saturation by 10% instead.

■ 202.7380, 4.0732,
0.2298

■ 202.7380, 4.0732,
0.2298

255.0000, 0.0000,
0.0000

■ 175.6240, 3.6364,
0.3298

■ 148.7380, 4.0732,
0.2298

■ 122.6240, 3.6364,
0.3298

■ 98.2110, 3.3470,
-0.1850

■ 74.2110, 3.3470,
-0.1850

■ 51.5100, 3.1996,
0.4297

■ 30.5100, 3.1996,

0.4297

■ 5.9660, 4.9468,
0.0298

■ 0.0000, 0.0000,
0.0000

■ 202.7380, 4.0732,
0.2298

■ 202.7380, 4.0732,
0.2298

■ 185.3280, 12.6563,
0.5893

■ 220.1480, -4.5100,
-0.1298

■ 167.9180, 21.2394,
0.9489

■ 237.5580,
-13.0931, -0.4894

■ 150.5080, 29.8226,
1.3085

■ 249.6850,
-19.0717, 3.7843

■ 133.0980, 38.4057,
1.6681

■ 249.9840,
-19.2191, 4.3990

■ 115.9870, 46.8414,
2.6424

■ 97.9900, 55.7139,
3.5168

■ 80.5800, 64.2971,
3.8763

■ 63.1700, 72.8802,
4.2359

■ 45.7600, 81.4633,
4.5955

Harmonies

Analogous

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



202.2320, 4.8156, -4.5885



202.7380, 4.0732, 0.2298



203.6030, 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.



202.7380, 4.0732, 0.2298



202.6050, -4.2423, 7.3624



200.4720, 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.



202.7380, 4.0732, 0.2298



209.2620, -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.



201.0980, -2.0203, -5.3479



202.7380, 4.0732, 0.2298



202.3550, -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.



202.7380, 4.0732, 0.2298



203.0720, -2.5005, 8.7069



201.2620, -4.0732, -0.2298



200.7430, 3.0847, -9.4216

Rectangle

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



202.7380, 4.0732, 0.2298



203.1580, 0.4151, 6.8774



201.2620, -4.0732, -0.2298



200.8420, -0.4151, -6.8774

Sweetspot

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



202.7380, 4.0732, 0.2298



252.6410, 1.1630, 0.3148



206.8360, 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.



202.7380, 4.0732, 0.2298



242.6070, 6.1097, 0.3447



204.2330, 3.3361, 3.3037



98.5100, 3.1996, 0.4297



29.3180, 68.3702, 4.1061



7.0660, 16.7295, 0.8191

Inverse Universe

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



204.9020, 2.0203, 5.3479



245.8530, 3.0305, 8.0219



207.7670, -3.3361, -3.3037



100.0760, 1.4415, 4.3183



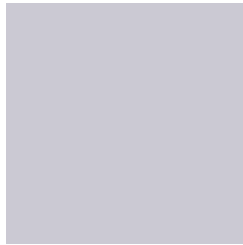
65.6220, 34.2034, 89.7855



16.0210, 8.3706, 21.9066

Previews

White Background



This preview shows how the YUV color 202.7380, 4.0732, 0.2298 looks on a white background.

Color Contrast Check

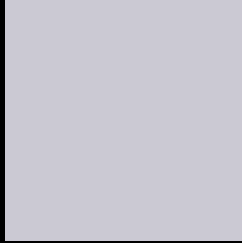
Large Text (above 18pt) WCAG AA × Fail

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 202.7380, 4.0732, 0.2298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

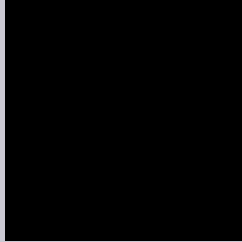
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

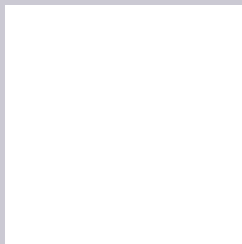
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 202.7380, 4.0732, 0.2298

Background



This preview shows how black text looks on a background with the YUV color 202.7380, 4.0732, 0.2298.



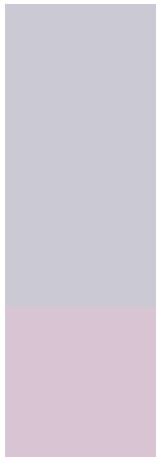
This preview shows how white text looks on a background with the YUV color 202.7380, 4.0732,

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

202.7380, 4.0732, 0.2298

Protanopia

202.7380, 4.0732, 0.2298

Deuteranopia

204.1030, 3.8932, 11.3107



Tritanopia

203.0200, 6.3991, 0.8595

Trichromacy



Original Color

202.7380, 4.0732, 0.2298

Protanomaly

202.7380, 4.0732, 0.2298

Deuteranomaly

203.7820, 4.0515, 7.2072

Tritanomaly

202.7920, 5.5255, 1.0594

Monochromacy



Original Color

202.7380, 4.0732, 0.2298

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.7550, 1.5998, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.7380, 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(203, 201, 211)` looks like.

```
.text, #text, p{  
    color:rgb(203, 201, 211)  
}
```

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(203, 201, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 201, 211) }
```

Border

The CSS property to change the border of an element to YUV 202.7380, 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(203, 201, 211) }
```


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

```
.border{ border-color:rgb(203, 201, 211) }
```

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

Here you see how a box with a 4 pixel rgb(203, 201, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 201, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 201, 211);  
box-shadow:4px 4px 4px 4px rgb(203, 201,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 202.7380, 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(203, 201, 211) }
```

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

```
.background{ background-color: rgb(203,  
201, 211) }
```

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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