

Converting Colors

YUV(202.6380, 12.5035, 2.9485)

Have a look what the booklet for
YUV(202.6380, 12.5035, 2.9485)
contains.

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Color

**YUV(202.6380, 12.5035,
2.9485)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC4E4
RGB	206, 196, 228
RGB Percent	81%, 77%, 89%
CMY	0.1922, 0.2314, 0.1059
CMYK	0.10, 0.14, 0.00, 0.11
HSL	259°, 37%, 83%
HSV	259°, 14%, 89%
XYZ	59.1971, 58.2031, 81.5131
YIQ	202.6380, -4.3120, 12.0720

Conversions

Conversions Part 2

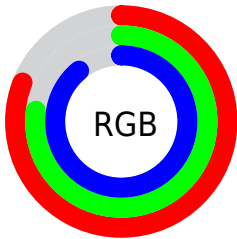
Format	Color
R _Y B	206, 196, 228
Decimal	13550820
CIE Lab	80.85, 9.53, -14.62
CIE LCh	81, 17.450, 303.113
Yxy	58.2031, 0.2976, 0.2926
Android (android.graphics.Color)	4291740900 (0xFFCEC4E4)
YUV	202.6380, 12.5035, 2.9485
Hunter-Lab	76.2910, 4.9959, -9.9447

Details

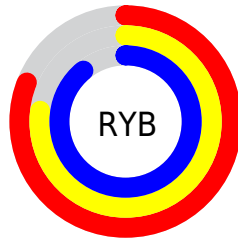
The YUV color $202.6380, 12.5035, 2.9485$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $221.3620, -12.5035, -2.9485$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5788, 1.0296$, and $148.5240, 12.0667, 3.0485$ is the 20% darker color. If you saturate the color by 10%, you get $184.3530, 21.5180, 4.9524$, and if you desaturate by 10%, it is $220.9230, 3.4890, 0.9445$.

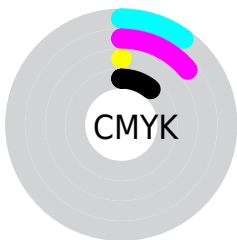
Distribution



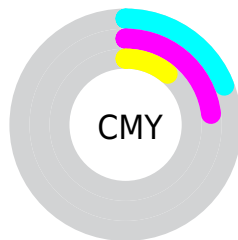
- Red (81%)
- Green (77%)
- Blue (89%)



- Red (81%)
- Yellow (77%)
- Blue (89%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.6380, 12.5035, 2.9485 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 202.6380, 12.5035, 2.9485 by changing the saturation by 10% instead.

■ 202.6380, 12.5035,
2.9485

■ 202.6380, 12.5035,
2.9485

255.0000, 0.0000,
0.0000

■ 175.2250, 12.2141,
2.4337

■ 253.8260, 0.5788,
1.0296

■ 148.5240, 12.0667,
3.0485

■ 122.9970, 11.3405,
2.6336

■ 97.5840, 11.0511,
2.1188

■ 74.0570, 10.3249,
1.7040

■ 51.0570, 10.3249,
1.7040

■ 30.1170, 9.3093,

0.7744

■ 6.5950, 11.0457,
3.8632

■ 0.0000, 0.0000,
0.0000

■ 202.6380, 12.5035,
2.9485

■ 202.6380, 12.5035,
2.9485

■ 184.3530, 21.5180,
4.9524

■ 220.9230, 3.4890,
0.9445

■ 166.3670, 30.3851,
7.5711

■ 238.9090, -5.3781,
-1.6742

■ 148.6690, 39.1102,
9.0603

■ 251.3240,
-11.4987, 1.4699

■ 130.3840, 48.1247,
11.0642

■ 251.9220,
-11.7935, 2.6994

■ 112.3980, 56.9918,
13.6830

■ 94.1130, 66.0063,
15.6869

■ 75.8280, 75.0208,
17.6908

■ 58.4290, 83.5985,
19.7948

■ 47.2210, 89.1240,
20.8542

Harmonies

Analogous

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



200.4510, 16.0467, -13.5505



202.6380, 12.5035, 2.9485



203.7170, 6.0555, 17.7882

Triad

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



202.6380, 12.5035, 2.9485



201.9460, -14.7634, 21.9724



194.7360, 3.5812, -28.7095

Complementary

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



202.6380, 12.5035, 2.9485



221.3620, -12.5035, -2.9485

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.



196.3970, -5.6187, -17.8882



202.6380, 12.5035, 2.9485



199.9400, -15.7464, 10.5766

Square

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



202.6380, 12.5035, 2.9485



203.3580, -9.5435, 27.7500



198.0630, -12.3561, -3.5633



195.3640, 11.1595, -32.7682

Rectangle

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



202.6380, 12.5035, 2.9485



203.9690, 0.5083, 23.7062



198.0630, -12.3561, -3.5633



195.2480, 0.3707, -25.6505

Sweetspot

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



202.6380, 12.5035, 2.9485



247.0370, 3.9258, 0.8446



212.5620, 7.6109, -14.5249



122.3960, 2.7628, 0.5297



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.



202.6380, 12.5035, 2.9485



220.7890, 16.8660, 3.6930



207.4220, 10.1450, 12.7849



105.5640, 4.6519, 1.2594



37.1500, 69.9320, 16.5314



10.5980, 19.9182, 4.7376

Inverse Universe

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



208.0760, 4.8925, 17.4733



228.1630, 6.3286, 23.5360



216.5780, -10.1450, -12.7849



107.5000, 1.7255, 6.5775



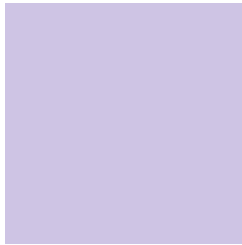
67.5430, 27.3403, 97.7478



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 202.6380, 12.5035, 2.9485 looks on a white background.

Color Contrast Check

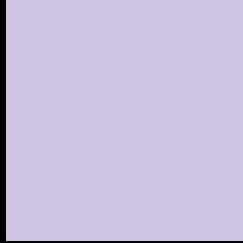
Large Text (above 18pt) WCAG AA × Fail

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 202.6380, 12.5035, 2.9485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

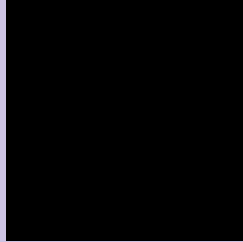
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.6380, 12.5035, 2.9485

Background



This preview shows how black text looks on a background with the YUV color 202.6380, 12.5035, 2.9485.



This preview shows how white text looks on a background with the YUV color 202.6380, 12.5035,

2.9485.

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

202.6380, 12.5035, 2.9485

Protanopia

201.3380, 14.1304, -5.5584

Deuteranopia

202.9370, 12.3561, 3.5633



Tritanopia

201.6180, 6.1043, 2.0890

Trichromacy



Original Color

202.6380, 12.5035, 2.9485

Protanomaly

201.8330, 13.3933, -2.4845

Deuteranomaly

202.9370, 12.3561, 3.5633

Tritanomaly

201.9000, 8.4303, 2.7187

Monochromacy



Original Color

202.6380, 12.5035, 2.9485

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.5640, 4.6519, 1.2594

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.6380, 12.5035, 2.9485 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(206, 196, 228)` looks like.

```
.text, #text, p{  
    color:rgb(206, 196, 228)  
}
```

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(206, 196, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 196, 228) }
```

Border

The CSS property to change the border of an element to YUV 202.6380, 12.5035, 2.9485 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(206, 196, 228) }
```


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

```
.border{ border-color:rgb(206, 196, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 196, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 196, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 196, 228);  
box-shadow:4px 4px 4px 4px rgb(206, 196,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 202.6380, 12.5035, 2.9485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 196, 228) }
```

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

```
.background{ background-color: rgb(206,  
196, 228) }
```

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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