

Converting Colors

YUV(205.3970, 18.0453,
-1.2252)

Have a look what the booklet for
YUV(205.3970, 18.0453, -1.2252)
contains.

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Color

**YUV(205.3970, 18.0453,
-1.2252)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC7F2
RGB	204, 199, 242
RGB Percent	80%, 78%, 95%
CMY	0.2000, 0.2196, 0.0510
CMYK	0.16, 0.18, 0.00, 0.05
HSL	247°, 62%, 86%
HSV	247°, 18%, 95%
XYZ	61.3523, 60.0950, 92.3703
YIQ	205.3970, -10.8230, 14.4330

Conversions

Conversions Part 2

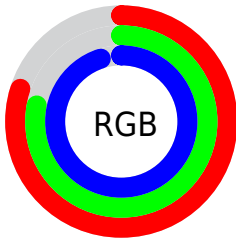
Format	Color
RYB	204, 199, 242
Decimal	13420530
CIELab	81.89, 10.18, -20.56
CIELCh	82, 22.937, 296.342
Yxy	60.0950, 0.2869, 0.2811
Android (android.graphics.Color)	4291610610 (0xFFCCC7F2)
YUV	205.3970, 18.0453, -1.2252
Hunter-Lab	77.5210, 5.6082, -16.3824

Details

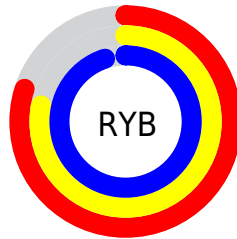
The YUV color $205.3970, 18.0453, -1.2252$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $235.6030, -18.0453, 1.2252$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $150.8700, 17.3191, -1.6400$ is the 20% darker color. If you saturate the color by 10%, you get $185.0300, 28.0862, -1.7803$, and if you desaturate by 10%, it is $225.7640, 8.0043, -0.6700$.

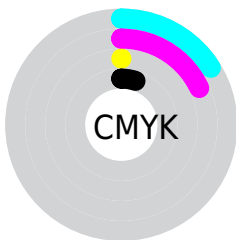
Distribution



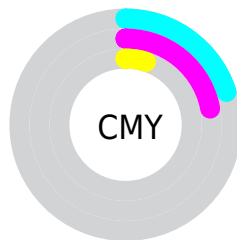
- Red (80%)
- Green (78%)
- Blue (95%)



- Red (80%)
- Yellow (78%)
- Blue (95%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.3970, 18.0453, -1.2252 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 205.3970, 18.0453, -1.2252 by changing the saturation by 10% instead.

■ 205.3970, 18.0453,
-1.2252

■ 205.3970, 18.0453,
-1.2252

255.0000, 0.0000,
0.0000

■ 177.9840, 17.7559,
-1.7400

■ 150.8700, 17.3191,
-1.6400

■ 125.3430, 16.5929,
-2.0548

■ 100.2290, 16.1561,
-1.9548

■ 76.0010, 15.2825,
-1.7549

■ 53.1750, 14.7037,
-2.7845

■ 31.6480, 13.9775,

-3.1993

■ 7.0120, 15.2771,
-0.0105

■ 2.2970, 6.2626,
-2.0145

■ 205.3970, 18.0453,
-1.2252

■ 205.3970, 18.0453,
-1.2252

■ 185.0300, 28.0862,
-1.7803

■ 225.7640, 8.0043,
-0.6700

■ 164.3640, 38.2745,
-2.9502

■ 246.4300, -2.1840,
0.4999

■ 143.4100, 48.6049,
-2.9906

■ 253.5180, -5.6784,
1.2997

■ 122.7440, 58.7932,
-4.1605

■ 102.3770, 68.8341,
-4.7156

■ 82.0100, 78.8751,
-5.2708

■ 61.3440, 89.0634,
-6.4407

■ 40.3900, 99.3937,
-6.4810

■ 35.9600, 101.5777,
-6.9809

Harmonies

Analogous

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



201.2910, 22.0415, -23.0572



205.3970, 18.0453, -1.2252



207.1670, 10.2707, 19.1475

Triad

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



205.3970, 18.0453, -1.2252



204.9040, -17.7007, 30.7792



195.6380, 2.1505, -36.5165

Complementary

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



205.3970, 18.0453, -1.2252



235.6030, -18.0453, 1.2252

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.



197.7620, -9.2497, -19.9623



205.3970, 18.0453, -1.2252



203.0180, -20.7149, 17.5242

Square

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



205.3970, 18.0453, -1.2252



206.1850, -10.4442, 36.6718



200.7060, -17.6031, -0.6192



195.1560, 13.2341, -44.8638

Rectangle

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



205.3970, 18.0453, -1.2252



207.3980, 3.2548, 29.4690



200.7060, -17.6031, -0.6192



196.0470, -1.5022, -31.6132

Sweetspot

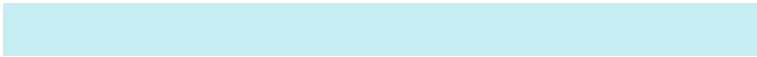
The Sweet Spot groups the original color and five complimentary colors.



205.3970, 18.0453, -1.2252



244.0800, 5.3836, -0.0702



226.7950, 7.4961, -24.3762



121.2110, 3.3470, -0.1850



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.



205.3970, 18.0453, -1.2252



209.2490, 22.5552, -1.0954



211.6760, 14.9497, 11.6851



109.6670, 5.0942, -0.5850



27.2550, 77.2753, -5.4856



8.4770, 23.4288, -1.2953

Inverse Universe

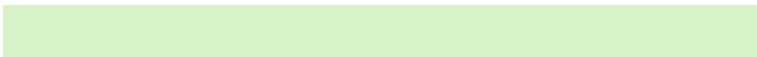
The Inverse Universe completely reimagines the original color for something new.



216.1890, 10.2598, 22.6362



222.6180, 13.0063, 28.3990



229.3240, -14.9497, -11.6851



112.7280, 2.5991, 6.3775



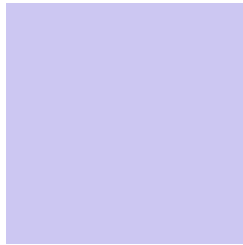
73.4840, 43.6384, 96.9225



22.4440, 13.5851, 29.4286

Previews

White Background



This preview shows how the YUV color 205.3970, 18.0453, -1.2252 looks on a white background.

Color Contrast Check

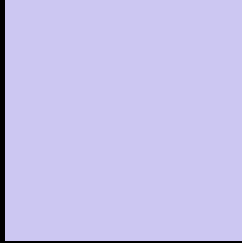
Large Text (above 18pt) WCAG AA × Fail

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 205.3970, 18.0453, -1.2252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

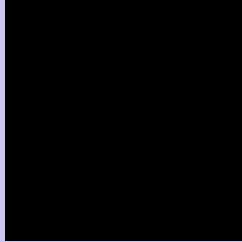
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.3970, 18.0453, -1.2252

Background



This preview shows how black text looks on a background with the YUV color 205.3970, 18.0453, -1.2252.



This preview shows how white text looks on a background with the YUV color 205.3970, 18.0453, -1.2252.

-1.2252.

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

205.3970, 18.0453, -1.2252

Protanopia

204.6950, 19.3774, -8.5025

Deuteranopia

205.3970, 18.0453, -1.2252



Tritanopia

203.9270, 7.4310, -3.4440

Trichromacy



Original Color

205.3970, 18.0453, -1.2252

Protanomaly

204.8910, 18.7877, -6.0434

Deuteranomaly

205.3970, 18.0453, -1.2252

Tritanomaly

204.5510, 11.0674, -3.1142

Monochromacy



Original Color

205.3970, 18.0453, -1.2252

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.3080, 6.2572, -0.2701

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.3970, 18.0453, -1.2252 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(204, 199, 242)` looks like.

```
.text, #text, p{  
    color:rgb(204, 199, 242)  
}
```

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(204, 199, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 199, 242) }
```

Border

The CSS property to change the border of an element to YUV 205.3970, 18.0453, -1.2252 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(204, 199, 242) }
```


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

```
.border{ border-color:rgb(204, 199, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 199, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 199, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 199, 242);  
box-shadow:4px 4px 4px 4px rgb(204, 199,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 205.3970, 18.0453, -1.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 199, 242) }
```

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

```
.background{ background-color: rgb(204,  
199, 242) }
```

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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