

Converting Colors

YUV(199.5370, 5.6513, 7.4221)

Have a look what the booklet for
YUV(199.5370, 5.6513, 7.4221)
contains.

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Color

**YUV(199.5370, 5.6513,
7.4221)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C1D3
RGB	208, 193, 211
RGB Percent	82%, 76%, 83%
CMY	0.1843, 0.2431, 0.1725
CMYK	0.01, 0.09, 0.00, 0.17
HSL	290°, 17%, 79%
HSV	290°, 9%, 83%
XYZ	56.8403, 56.2530, 69.4901
YIQ	199.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

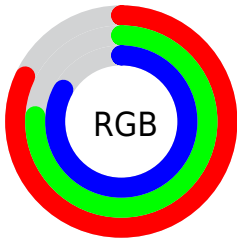
Format	Color
R_{YB}	208, 193, 211
Decimal	13681107
CIE _{Lab}	79.76, 8.50, -7.09
CIE _{LCh}	80, 11.075, 320.164
Yxy	56.2530, 0.3113, 0.3081
Android (android.graphics.Color)	4291871187 (0xFFD0C1D3)
YUV	199.5370, 5.6513, 7.4221
Hunter-Lab	75.0020, 4.0228, -2.4314

Details

The YUV color `199.5370, 5.6513, 7.4221` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `204.4630, -5.6513, -7.4221`, and the grayscale version is `199.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `251.4780, 1.7363, 3.0888`, and `145.5370, 5.6513, 7.4221` is the 20% darker color. If you saturate the color by 10%, you get `186.0140, 12.3181, 15.7737`, and if you desaturate by 10%, it is `213.0600, -1.0156, -0.9296`.

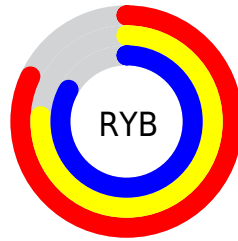
Distribution



Red (82%)

Green (76%)

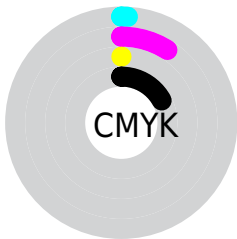
Blue (83%)



Red (82%)

Yellow (76%)

Blue (83%)

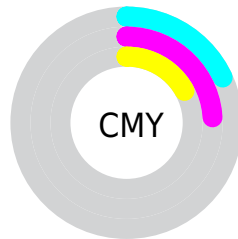


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (17%)



Cyan (18%)

Magenta (24%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5370, 5.6513, 7.4221 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 199.5370, 5.6513, 7.4221 by changing the saturation by 10% instead.

■ 199.5370, 5.6513,
7.4221

■ 199.5370, 5.6513,
7.4221

255.0000, 0.0000,
0.0000

■ 172.1240, 5.3619,
6.9073

■ 251.4780, 1.7363,
3.0888

■ 145.5370, 5.6513,
7.4221

■ 120.0100, 4.9251,
7.0072

■ 95.0100, 4.9251,
7.0072

■ 71.2980, 4.7831,
5.8777

■ 49.1840, 4.3463,
5.9776

■ 27.8850, 4.4937,

5.3629

■ 5.4120, 5.2199,
5.7777

■ 0.0000, 0.0000,
0.0000

■ 199.5370, 5.6513,
7.4221

■ 199.5370, 5.6513,
7.4221

■ 186.0140, 12.3181,
15.7737

■ 213.0600, -1.0156,
-0.9296

■ 172.7900, 18.8375,
24.7402

■ 226.2840, -7.5350,
-9.8961

■ 159.2670, 25.5044,
33.0918

■ 239.2200,
-13.9125, -17.7329

■ 146.0430, 32.0238,
42.0583

■ 240.1170,
-14.3547, -15.8886

132.5200, 38.6906,
50.4100

241.3130,
-14.9443, -13.4295

118.7090, 45.4995,
59.8912

242.2100,
-15.3865, -11.5852

105.1860, 52.1663,
68.2429

243.4060,
-15.9762, -9.1261

91.9620, 58.6857,
77.2093

244.3030,
-16.4184, -7.2817

78.4390, 65.3526,
85.5610

245.4990,
-17.0080, -4.8226

Harmonies

Analogous

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



198.3940, 9.1728, -2.0995



199.5370, 5.6513, 7.4221



200.0280, 0.9722, 14.8844

Triad

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



199.5370, 5.6513, 7.4221



198.1340, -9.9261, 10.4065



194.4320, 4.7170, -19.6729

Complementary

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



199.5370, 5.6513, 7.4221



204.4630, -5.6513, -7.4221

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.



194.7870, -0.3880, -15.5992



199.5370, 5.6513, 7.4221



196.6060, -9.1728, 2.0995

Square

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



199.5370, 5.6513, 7.4221



199.2210, -8.4900, 16.4692



195.4630, -5.6513, -7.4221



194.8820, 8.9322, -18.3135

Rectangle

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



199.5370, 5.6513, 7.4221



200.0130, -2.9644, 17.5286



195.4630, -5.6513, -7.4221



194.3890, 3.2592, -18.7582

Sweetspot

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



199.5370, 5.6513, 7.4221



250.0050, 2.4625, 3.5036



196.8130, 6.9942, -3.3440



124.1790, 1.8838, 2.4740



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.



199.5370, 5.6513, 7.4221



239.1290, 7.8244, 10.4109



199.7500, 2.5882, 9.8663



97.9450, 3.4781, 4.4332



61.0120, 52.7451, 69.2725



14.8400, 12.8969, 16.8033

Inverse Universe

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



198.7240, -1.3429, 10.7661



237.9310, -1.9380, 14.9695



204.2500, -2.5882, -9.8663



97.5170, -0.7479, 6.5626



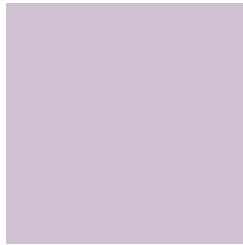
53.4240, -12.5340, 100.4832



13.0570, -2.9861, 24.5060

Previews

White Background



This preview shows how the YUV color 199.5370, 5.6513, 7.4221 looks on a white background.

Color Contrast Check

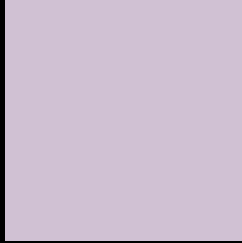
Large Text (above 18pt) WCAG AA × Fail

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 199.5370, 5.6513, 7.4221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

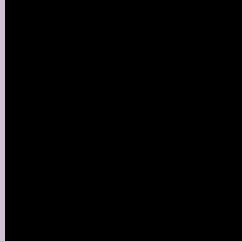
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.5370, 5.6513, 7.4221

Background



This preview shows how black text looks on a background with the YUV color 199.5370, 5.6513, 7.4221.



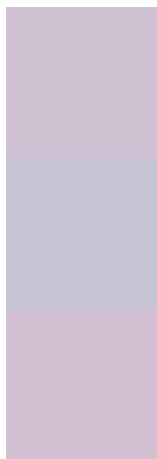
This preview shows how white text looks on a background with the YUV color 199.5370, 5.6513,

7.4221.

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

199.5370, 5.6513, 7.4221

Protanopia

198.2370, 7.2782, -1.0848

Deuteranopia

199.8470, 5.4984, 9.7812



Tritanopia

199.3090, 4.7777, 7.6220

Trichromacy



Original Color

199.5370, 5.6513, 7.4221

Protanomaly

198.7320, 6.5411, 1.9890

Deuteranomaly

199.5480, 5.6458, 9.1664

Tritanomaly

199.4230, 5.2145, 7.5220

Monochromacy



Original Color

199.5370, 5.6513, 7.4221

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.5920, 2.1731, 2.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5370, 5.6513, 7.4221 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(208, 193, 211)` looks like.

```
.text, #text, p{  
    color:rgb(208, 193, 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(208, 193, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 193, 211) }
```

Border

The CSS property to change the border of an element to YUV 199.5370, 5.6513, 7.4221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

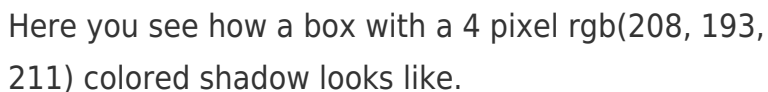
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 193, 211) }
```


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

```
.border{ border-color:rgb(208, 193, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 193, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 193, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 193, 211);  
box-shadow:4px 4px 4px 4px rgb(208, 193,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 199.5370, 5.6513, 7.4221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 193, 211) }
```

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

```
.background{ background-color: rgb(208,  
193, 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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