

Converting Colors

YUV(199.7550, 5.0508, 13.3699)

Have a look what the booklet for
YUV(199.7550, 5.0508, 13.3699)
contains.

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Color

**YUV(199.7550, 5.0508,
13.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BED2
RGB	215, 190, 210
RGB Percent	84%, 75%, 82%
CMY	0.1569, 0.2549, 0.1765
CMYK	0.00, 0.12, 0.02, 0.16
HSL	312°, 24%, 79%
HSV	312°, 12%, 84%
XYZ	58.0706, 55.9271, 68.7071
YIQ	199.7550, 8.4800, 11.5200

Conversions

Conversions Part 2

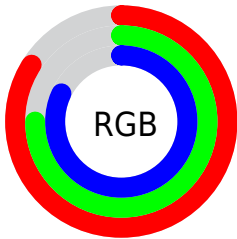
Format	Color
R_{YB}	215, 190, 210
Decimal	14139090
CIE _{Lab}	79.57, 12.32, -6.76
CIE _{LCh}	80, 14.056, 331.231
Yxy	55.9271, 0.3178, 0.3061
Android (android.graphics.Color)	4292329170 (0xFFD7BED2)
YUV	199.7550, 5.0508, 13.3699
Hunter-Lab	74.7844, 7.7337, -2.1227

Details

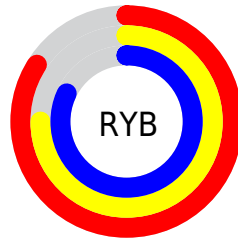
The YUV color **199.7550, 5.0508, 13.3699** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205.2450, -5.0508, -13.3699**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7170, 2.6045, 4.6332**, and **146.0430, 4.9088, 12.2403** is the 20% darker color. If you saturate the color by 10%, you get **186.9720, 9.3808, 24.5806**, and if you desaturate by 10%, it is **213.1250, 0.4314, 1.6444**.

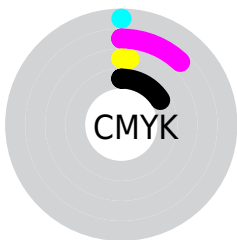
Distribution



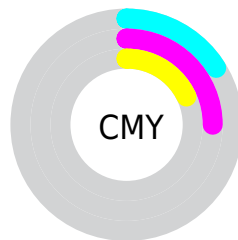
- Red (84%)
- Green (75%)
- Blue (82%)



- Red (84%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.7550, 5.0508, 13.3699 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 199.7550, 5.0508, 13.3699 by changing the saturation by 10% instead.

■ 199.7550, 5.0508,
13.3699

■ 199.7550, 5.0508,
13.3699

255.0000, 0.0000,
0.0000

■ 172.3420, 4.7614,
12.8551

■ 249.7170, 2.6045,
4.6332

■ 146.0430, 4.9088,
12.2403

■ 120.0430, 4.9088,
12.2403

■ 95.2170, 4.3300,
11.2107

■ 71.2170, 4.3300,
11.2107

■ 48.8040, 4.0406,
10.6959

■ 28.0920, 3.8986,

9.5663

■ 7.0920, 3.8986,
9.5663

■ 0.0000, 0.0000,
0.0000

■ 199.7550, 5.0508,
13.3699

■ 199.7550, 5.0508,
13.3699

■ 186.9720, 9.3808,
24.5806

■ 213.1250, 0.4314,
1.6444

■ 173.4880, 13.5634,
36.4060

■ 226.0220, -3.4618,
-9.6663

■ 160.7050, 17.8934,
47.6167

■ 239.3920, -8.0813,
-21.3918

■ 147.3350, 22.5128,
59.3422

■ 239.8480, -6.3341,
-21.7917

134.4380, 26.4061,
70.6529

240.4180, -4.1501,
-22.2916

121.0680, 31.0255,
82.3784

240.8740, -2.4029,
-22.6915

108.2850, 35.3555,
93.5891

241.3300, -0.6557,
-23.0914

94.9150, 39.9749,
105.3145

241.7860, 1.0915,
-23.4913

83.8930, 43.4368,
114.9808

242.3560, 3.2755,
-23.9912

Harmonies

Analogous

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



199.0570, 10.3249, 1.7040



199.7550, 5.0508, 13.3699



199.7900, -1.3755, 21.2322

Triad

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



199.7550, 5.0508, 13.3699



196.4390, -12.5414, 9.2620



192.7240, 8.5171, -25.1909

Complementary

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



199.7550, 5.0508, 13.3699



205.2450, -5.0508, -13.3699

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.



192.7260, 2.1071, -22.5617



199.7550, 5.0508, 13.3699



195.6440, -10.1775, -2.3188

Square

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



199.7550, 5.0508, 13.3699



198.1350, -11.4056, 18.2986



193.9460, -4.9034, -13.9846



194.4840, 12.5794, -21.4725

Rectangle

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



199.7550, 5.0508, 13.3699



199.6500, -5.7434, 22.2320



193.9460, -4.9034, -13.9846



192.8550, 6.4805, -25.3058

Sweetspot

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



199.7550, 5.0508, 13.3699



250.0760, 1.4415, 4.3183



194.3450, 10.1829, 0.5744



124.2500, 0.8628, 3.2887



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.



199.7550, 5.0508, 13.3699



233.0700, 7.3605, 19.2326



198.3870, -0.1908, 14.5696



100.3150, 2.3097, 5.8627



66.7470, 34.6347, 91.4299



16.8470, 8.9494, 22.9362

Inverse Universe

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



199.7550, 5.0508, 13.3699



233.0700, 7.3605, 19.2326



206.7270, 0.6276, -14.6696



100.3150, 2.3097, 5.8627



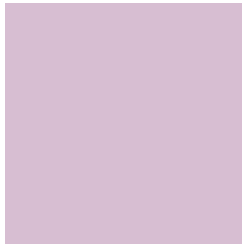
66.7470, 34.6347, 91.4299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 199.7550, 5.0508, 13.3699 looks on a white background.

Color Contrast Check

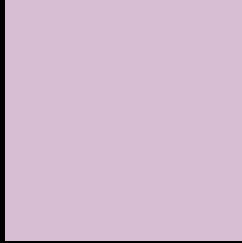
Large Text (above 18pt) WCAG AA × Fail

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 199.7550, 5.0508, 13.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

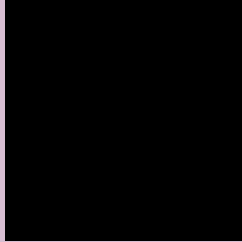
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.7550, 5.0508, 13.3699

Background



This preview shows how black text looks on a background with the YUV color 199.7550, 5.0508, 13.3699.



This preview shows how white text looks on a background with the YUV color 199.7550, 5.0508,

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

199.7550, 5.0508, 13.3699

Protanopia

198.0520, 7.8624, -1.7996

Deuteranopia

199.7330, 5.0616, 9.8812



Tritanopia

199.5870, 3.1616, 12.6402

Trichromacy



Original Color

199.7550, 5.0508, 13.3699

Protanomaly

198.8570, 6.9725, 3.6334

Deuteranomaly

199.4450, 5.2036, 11.0107

Tritanomaly

199.7010, 3.5984, 12.5402

Monochromacy



Original Color

199.7550, 5.0508, 13.3699

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.6030, 2.1677, 4.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.7550, 5.0508, 13.3699 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(215, 190, 210)` looks like.

```
.text, #text, p{  
    color:rgb(215, 190, 210)  
}
```

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(215, 190, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 190, 210) }
```

Border

The CSS property to change the border of an element to YUV 199.7550, 5.0508, 13.3699 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(215, 190, 210) }
```


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

```
.border{ border-color:rgb(215, 190, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 190, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 190, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 190, 210);  
box-shadow:4px 4px 4px 4px rgb(215, 190,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 199.7550, 5.0508, 13.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 190, 210) }
```

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

```
.background{ background-color: rgb(215,  
190, 210) }
```

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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