

Converting Colors

YUV(187.7550, 5.0508, 13.3699)

Have a look what the booklet for
YUV(187.7550, 5.0508, 13.3699)
contains.

YUV(187.7550, 5.0508, 13.3699)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(187.7550, 5.0508,
13.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB2C6
RGB	203, 178, 198
RGB Percent	80%, 70%, 78%
CMY	0.2039, 0.3020, 0.2235
CMYK	0.00, 0.12, 0.02, 0.20
HSL	312°, 19%, 75%
HSV	312°, 12%, 80%
XYZ	50.7420, 48.6145, 60.1352
YIQ	187.7550, 8.4800, 11.5200

Conversions

Conversions Part 2

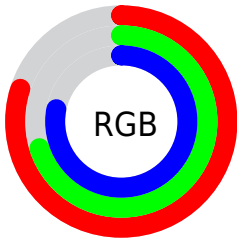
Format	Color
R_{YB}	203, 178, 198
Decimal	13349574
CIE _{Lab}	75.21, 12.46, -6.83
CIE _{LCh}	75, 14.213, 331.273
Yxy	48.6145, 0.3181, 0.3048
Android (android.graphics.Color)	4291539654 (0xFFCBB2C6)
YUV	187.7550, 5.0508, 13.3699
Hunter-Lab	69.7241, 7.8870, -2.3292

Details

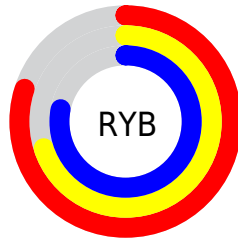
The YUV color **187.7550, 5.0508, 13.3699** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193.2450, -5.0508, -13.3699**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.6730, 6.0772, 10.8108**, and **134.3420, 4.7614, 12.8551** is the 20% darker color. If you saturate the color by 10%, you get **175.5590, 9.0914, 24.0658**, and if you desaturate by 10%, it is **199.9510, 1.0102, 2.6740**.

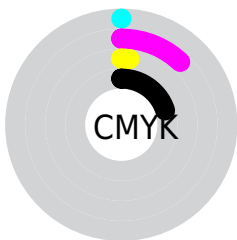
Distribution



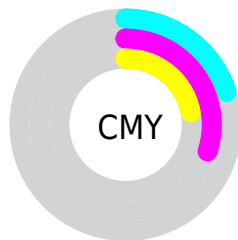
- Red (80%)
- Green (70%)
- Blue (78%)



- Red (80%)
- Yellow (70%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (20%)



- Cyan (20%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.7550, 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 187.7550, 5.0508, 13.3699 by changing the saturation by 10% instead.

■ 187.7550, 5.0508,
13.3699

■ 187.7550, 5.0508,
13.3699

255.0000, 0.0000,
0.0000

■ 160.7550, 5.0508,
13.3699

■ 242.6730, 6.0772,
10.8108

■ 134.3420, 4.7614,
12.8551

■ 109.0430, 4.9088,
12.2403

■ 84.6300, 4.6194,
11.7255

■ 61.2170, 4.3300,
11.2107

■ 39.5050, 4.1880,
10.0811

■ 17.9180, 4.4774,

10.5959

0.0000, 0.0000,
0.0000

187.7550, 5.0508,
13.3699

187.7550, 5.0508,
13.3699

175.5590, 9.0914,
24.0658

199.9510, 1.0102,
2.6740

162.7760, 13.4214,
35.2764

212.7340, -3.3199,
-8.5367

150.5800, 17.4621,
45.9723

224.9300, -7.3605,
-19.2326

138.3840, 21.5027,
56.6682

234.7780,
-10.2436, -27.8693

126.1880, 25.5433,
67.3641

235.2340, -8.4964,
-28.2692

■ 113.4050, 29.8733,
78.5748

■ 235.6900, -6.7492,
-28.6691

■ 101.2090, 33.9140,
89.2707

■ 236.1460, -5.0020,
-29.0690

■ 89.0130, 37.9546,
99.9666

■ 236.6020, -3.2548,
-29.4690

■ 79.1650, 40.8377,
108.6033

■ 237.1720, -1.0708,
-29.9688

Harmonies

Analogous

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



187.0570, 10.3249, 1.7040



187.7550, 5.0508, 13.3699



187.7900, -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.



187.7550, 5.0508, 13.3699



184.4390, -12.5414, 9.2620



180.7240, 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.



187.7550, 5.0508, 13.3699



193.2450, -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.



180.7260, 2.1071, -22.5617



187.7550, 5.0508, 13.3699



183.6440, -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.



187.7550, 5.0508, 13.3699



186.1350, -11.4056, 18.2986



181.9460, -4.9034, -13.9846



182.4840, 12.5794, -21.4725

Rectangle

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



187.7550, 5.0508, 13.3699



187.6500, -5.7435, 22.2319



181.9460, -4.9034, -13.9846



180.8550, 6.4805, -25.3058

Sweetspot

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



187.7550, 5.0508, 13.3699



248.9020, 2.0203, 5.3479



182.3450, 10.1829, 0.5744



123.6630, 1.1521, 3.8035



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.



187.7550, 5.0508, 13.3699



231.7820, 7.5025, 20.3622



186.3870, -0.1908, 14.5696



95.9020, 2.0203, 5.3479



64.7960, 33.6246, 88.7559



14.8960, 7.9393, 20.2622

Inverse Universe

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



187.7550, 5.0508, 13.3699



231.7820, 7.5025, 20.3622



194.7270, 0.6276, -14.6696



95.9020, 2.0203, 5.3479



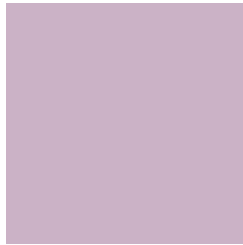
64.7960, 33.6246, 88.7559



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 187.7550, 5.0508, 13.3699 looks on a white background.

Color Contrast Check

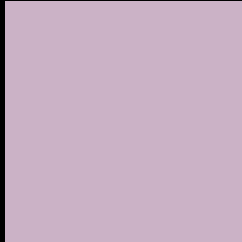
Large Text (above 18pt) WCAG AA × Fail

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 187.7550, 5.0508, 13.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

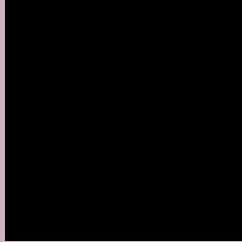
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.7550, 5.0508, 13.3699

Background



This preview shows how black text looks on a background with the YUV color 187.7550, 5.0508, 13.3699.



This preview shows how white text looks on a background with the YUV color 187.7550, 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

187.7550, 5.0508, 13.3699

Protanopia

186.0520, 7.8624, -1.7996

Deuteranopia

187.4340, 5.2090, 9.2664



Tritanopia

187.4730, 2.7248, 12.7402

Trichromacy



Original Color

187.7550, 5.0508, 13.3699

Protanomaly

186.8570, 6.9725, 3.6334

Deuteranomaly

187.4450, 5.2036, 11.0107

Tritanomaly

187.7010, 3.5984, 12.5402

Monochromacy



Original Color

187.7550, 5.0508, 13.3699

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.6030, 2.1677, 4.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.7550, 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(203, 178, 198)` looks like.

```
.text, #text, p{  
    color:rgb(203, 178, 198)  
}
```

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, 178, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 178, 198) }
```

Border

The CSS property to change the border of an element to YUV 187.7550, 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(203, 178, 198) }
```


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

```
.border{ border-color:rgb(203, 178, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 178, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 178, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 178, 198);  
box-shadow:4px 4px 4px 4px rgb(203, 178,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 187.7550, 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(203, 178, 198) }
```

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

```
.background{ background-color: rgb(203,  
178, 198) }
```

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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