

Converting Colors

YUV(153.7510, 8.0108, 44.0684)

Have a look what the booklet for
YUV(153.7510, 8.0108, 44.0684)
contains.

YUV(153.7510, 8.0108, 44.0684)	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(153.7510, 8.0108,
44.0684)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7DAA
RGB	204, 125, 170
RGB Percent	80%, 49%, 67%
CMY	0.2000, 0.5098, 0.3333
CMYK	0.00, 0.39, 0.17, 0.20
HSL	326°, 44%, 65%
HSV	326°, 39%, 80%
XYZ	39.4912, 30.4069, 41.8179
YIQ	153.7510, 32.6390, 30.7430

Conversions

Conversions Part 2

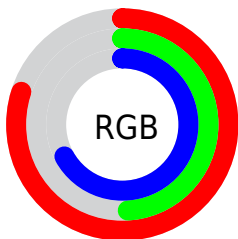
Format	Color
R_{YB}	204, 125, 170
Decimal	13401514
CIE _{Lab}	62.00, 36.88, -10.89
CIE _{LCh}	62, 38.450, 343.550
Yxy	30.4069, 0.3535, 0.2722
Android (android.graphics.Color)	4291591594 (0xFFCC7DAA)
YUV	153.7510, 8.0108, 44.0684
Hunter-Lab	55.1424, 31.3364, -6.3636

Details

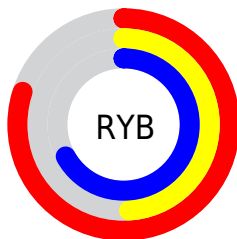
The YUV color **153.7510, 8.0108, 44.0684** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **175.2490, -8.0108, -44.0684**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9680, 8.8898, 42.1241**, and **101.1420, 8.3110, 41.0945** is the 20% darker color. If you saturate the color by 10%, you get **140.9850, 9.8674, 55.2642**, and if you desaturate by 10%, it is **166.5170, 6.1541, 32.8726**.

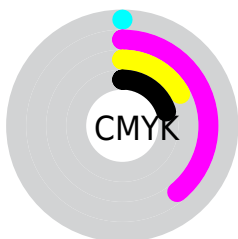
Distribution



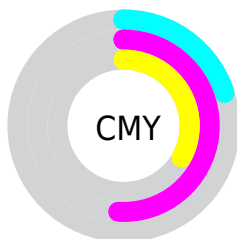
- Red (80%)
- Green (49%)
- Blue (67%)



- Red (80%)
- Yellow (49%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (17%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7510, 8.0108, 44.0684 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 153.7510, 8.0108, 44.0684 by changing the saturation by 10% instead.

153.7510, 8.0108,
44.0684

153.7510, 8.0108,
44.0684

255.0000, 0.0000,
0.0000

127.1530, 8.3056,
42.8388

206.9680, 8.8898,
42.1241

101.1420, 8.3110,
41.0945

226.7100, 13.4540,
24.8103

75.5440, 8.6058,
39.8649

243.2600, 5.7878,
10.2960

50.4730, 9.6268,
39.0502

26.2880, 10.2110,
38.3354

17.1310, 4.8654,
26.1951

1.7940, -0.8844,

3.6887

0.0000, 0.0000,
0.0000

153.7510, 8.0108,
44.0684

153.7510, 8.0108,
44.0684

140.9850, 9.8674,
55.2642

166.5170, 6.1541,
32.8726

127.6320, 12.0134,
66.9747

179.8700, 4.0081,
21.1620

114.9800, 14.3069,
78.0705

192.5220, 1.7147,
10.0662

101.6270, 16.4529,
89.7811

205.8750, -0.4314,
-1.6444

88.8610, 18.3095,
100.9769

218.6410, -2.2880,
-12.8402

■ 76.0950, 20.1662,
112.1727

■ 231.4070, -4.1447,
-24.0359

■ 74.2200, 20.5975,
113.8171

■ 237.0150, -2.9654,
-28.9542

■ 238.0410, 0.9658,
-29.8540

■ 239.0670, 4.8970,
-30.7538

Harmonies

Analogous

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



153.6580, 22.3536, 16.9629



153.7510, 8.0108, 44.0684



152.2890, -8.0305, 55.8745

Triad

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



153.7510, 8.0108, 44.0684



145.8030, -31.4549, 8.9428



119.1990, 37.8629, -104.5375

Complementary

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



153.7510, 8.0108, 44.0684



175.2490, -8.0108, -44.0684

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.



117.4260, 23.4540, -102.9826



153.7510, 8.0108, 44.0684



141.0750, -20.7430, -20.2368

Square

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



153.7510, 8.0108, 44.0684



148.5550, -31.8256, 34.5933



133.6760, -2.3053, -54.0899



134.5870, 39.6436, -68.9208

Rectangle

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



153.7510, 8.0108, 44.0684



151.2320, -18.3554, 54.1705



133.6760, -2.3053, -54.0899



119.2330, 32.9161, -104.5673

Sweetspot

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



153.7510, 8.0108, 44.0684



235.3210, 3.2927, 17.2585



143.8730, 29.6426, 12.3894



116.5220, 1.7147, 10.0662



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.



153.7510, 8.0108, 44.0684



180.6210, 12.0188, 65.2304



149.4190, -8.5876, 47.8675



95.6740, 1.1467, 5.5479



60.3500, 16.5894, 92.6551



13.8700, 4.0081, 21.1620

Inverse Universe

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



153.7510, 8.0108, 44.0684



180.6210, 12.0188, 65.2304



179.5810, 8.5876, -47.8675



95.6740, 1.1467, 5.5479



60.3500, 16.5894, 92.6551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 153.7510, 8.0108, 44.0684 looks on a white background.

Color Contrast Check

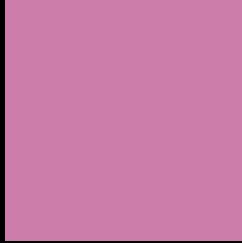
Large Text (above 18pt) WCAG AA × Fail

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 153.7510, 8.0108, 44.0684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

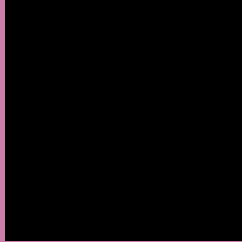
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.7510, 8.0108, 44.0684

Background



This preview shows how black text looks on a background with the YUV color 153.7510, 8.0108, 44.0684.



This preview shows how white text looks on a background with the YUV color 153.7510, 8.0108,

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

153.7510, 8.0108, 44.0684

Protanopia

151.1250, 17.1934, -8.0026

Deuteranopia

151.5690, 7.1145, 4.7630



Tritanopia

152.9560, -6.3873, 42.1346

Trichromacy



Original Color

153.7510, 8.0108, 44.0684



Protanomaly

152.0350, 13.7867, 11.3703



Deuteranomaly

152.0700, 7.3605, 19.2326



Tritanomaly

153.3350, -1.1512, 42.6792

Monochromacy



Original Color

153.7510, 8.0108, 44.0684



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.6090, 3.1508, 16.1289

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7510, 8.0108, 44.0684 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, 125, 170)` looks like.

```
.text, #text, p{  
    color:rgb(204, 125, 170)  
}
```

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, 125, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 125, 170) }
```

Border

The CSS property to change the border of an element to YUV 153.7510, 8.0108, 44.0684 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, 125, 170) }
```


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

```
.border{ border-color:rgb(204, 125, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 125, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 125, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 125, 170);  
box-shadow:4px 4px 4px 4px rgb(204, 125,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 153.7510, 8.0108, 44.0684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 125, 170) }
```

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

```
.background{ background-color: rgb(204,  
125, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor