

Converting Colors

YUV(153.5470, 0.7163, 50.3863)

Have a look what the booklet for
YUV(153.5470, 0.7163, 50.3863)
contains.

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Color

**YUV(153.5470, 0.7163,
50.3863)**

Conversions

Conversions Part 1

Format	Color
Hex	D37C9B
RGB	211, 124, 155
RGB Percent	83%, 49%, 61%
CMY	0.1725, 0.5137, 0.3922
CMYK	0.00, 0.41, 0.27, 0.17
HSL	339°, 50%, 66%
HSV	339°, 41%, 83%
XYZ	39.9880, 30.6307, 34.8151
YIQ	153.5470, 41.9010, 28.0850

Conversions

Conversions Part 2

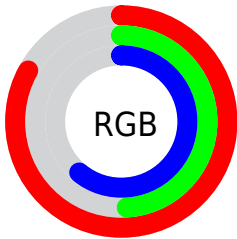
Format	Color
R _Y B	211, 124, 155
Decimal	13859995
CIE Lab	62.19, 37.61, -1.94
CIE LCh	62, 37.661, 357.042
Yxy	30.6307, 0.3793, 0.2905
Android (android.graphics.Color)	4292050075 (0xFFD37C9B)
YUV	153.5470, 0.7163, 50.3863
Hunter-Lab	55.3450, 32.1163, 1.4449

Details

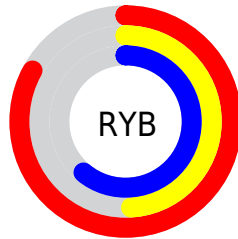
The YUV color **153.5470, 0.7163, 50.3863** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **181.4530, -0.7163, -50.3863**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.5570, 2.1904, 44.2385**, and **100.7530, 1.6008, 46.6976** is the 20% darker color. If you saturate the color by 10%, you get **139.6240, 0.6784, 62.5968**, and if you desaturate by 10%, it is **167.4700, 0.7543, 38.1758**.

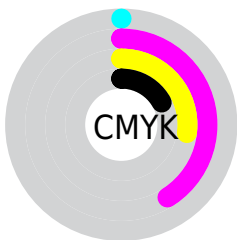
Distribution



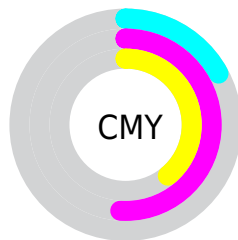
- Red (83%)
- Green (49%)
- Blue (61%)



- Red (83%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (41%)
- Yellow (27%)
- Black (17%)



- Cyan (17%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5470, 0.7163, 50.3863 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 153.5470, 0.7163, 50.3863 by changing the saturation by 10% instead.

 153.5470, 0.7163,
50.3863

 153.5470, 0.7163,
50.3863


255.0000, 0.0000,
0.0000

 126.6500, 1.1586,
48.5420


 204.5570, 2.1904,
44.2385


 100.7530, 1.6008,
46.6976


 224.2990, 6.7546,
26.9248

 75.2690, 2.3324,
45.3681

 243.2600, 5.7878,
10.2960

 49.3120, 3.7902,
44.4534

 26.2300, 4.8166,
41.8943

 16.8450, -1.4026,
29.9539

 2.9900, -1.4741,

6.1478

■ 0.0000, 0.0000,
0.0000

■ 153.5470, 0.7163,
50.3863

■ 153.5470, 0.7163,
50.3863

■ 139.6240, 0.6784,
62.5968

■ 167.4700, 0.7543,
38.1758

■ 125.8150, 1.0772,
74.7072

■ 181.2790, 0.3555,
26.0653

■ 111.8920, 1.0392,
86.9177

■ 195.2020, 0.3934,
13.8548

■ 98.0830, 1.4381,
99.0282

■ 209.0110, -0.0054,
1.7444

■ 83.5730, 1.6895,
111.7535

■ 223.5210, -0.2569,
-10.9809

■ 71.6390, 1.6570,
122.2196

■ 237.3300, -0.6557,
-23.0914

■ 241.2740, 4.3019,
-26.5503

■ 241.8440, 6.4859,
-27.0502

Harmonies

Analogous

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



154.7260, 15.9111, 30.0583



153.5470, 0.7163, 50.3863



151.8560, -14.7190, 54.5003

Triad

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



153.5470, 0.7163, 50.3863



144.4640, -27.3438, -3.0379



119.1650, 42.8097, -104.5077

Complementary

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



153.5470, 0.7163, 50.3863



181.4530, -0.7163, -50.3863

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.



118.5490, 30.2953, -103.9675



153.5470, 0.7163, 50.3863



139.3490, -12.9901, -33.6321

Square

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



153.5470, 0.7163, 50.3863



148.0760, -32.0825, 23.6123



130.2100, 7.7845, -70.3442



143.5300, 36.2207, -44.3148

Rectangle

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



153.5470, 0.7163, 50.3863



151.1190, -23.7227, 49.0076



130.2100, 7.7845, -70.3442



119.4270, 38.7365, -104.7375

Sweetspot

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



153.5470, 0.7163, 50.3863



234.5230, 0.2352, 17.9583



150.3630, 29.8940, 25.1146



116.0660, -0.0325, 10.4661



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.



153.5470, 0.7163, 50.3863



172.5050, 1.2300, 72.3481



157.0570, -16.2971, 47.3080



97.7450, 0.1257, 6.3626



57.0720, 1.4435, 97.2839



13.9690, 0.5083, 23.7062

Inverse Universe

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



153.5470, 0.7163, 50.3863



172.5050, 1.2300, 72.3481



177.9430, 16.2971, -47.3080



97.7450, 0.1257, 6.3626



57.0720, 1.4435, 97.2839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 153.5470, 0.7163, 50.3863 looks on a white background.

Color Contrast Check

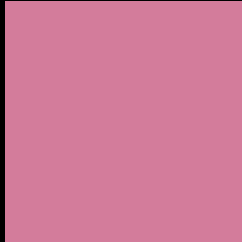
Large Text (above 18pt) WCAG AA × Fail

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 153.5470, 0.7163, 50.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

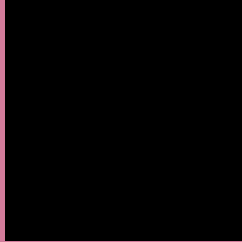
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.5470, 0.7163, 50.3863

Background



This preview shows how black text looks on a background with the YUV color 153.5470, 0.7163, 50.3863.



This preview shows how white text looks on a background with the YUV color 153.5470, 0.7163,

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

153.5470, 0.7163, 50.3863

Protanopia

151.7960, 9.4676, -3.3291

Deuteranopia

152.2510, -0.6167, 11.1809



Tritanopia

152.6580, -7.7194, 49.4119

Trichromacy



Original Color

153.5470, 0.7163, 50.3863

Protanomaly

152.7060, 6.0609, 16.0438

Deuteranomaly

152.7520, -0.3707, 25.6505

Tritanomaly

153.1680, -4.5198, 49.8417

Monochromacy



Original Color

153.5470, 0.7163, 50.3863

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8220, 0.0878, 18.5731

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5470, 0.7163, 50.3863 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(211, 124, 155)` looks like.

```
.text, #text, p{  
    color:rgb(211, 124, 155)  
}
```

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(211, 124, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 124, 155) }
```

Border

The CSS property to change the border of an element to YUV 153.5470, 0.7163, 50.3863 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(211, 124, 155) }
```


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

```
.border{ border-color:rgb(211, 124, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 124, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 124, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 124, 155);  
box-shadow:4px 4px 4px 4px rgb(211, 124,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 153.5470, 0.7163, 50.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 124, 155) }
```

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

```
.background{ background-color: rgb(211,  
124, 155) }
```

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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