

Converting Colors

YUV(153.2910, 2.3215, 48.8568)

Have a look what the booklet for
YUV(153.2910, 2.3215, 48.8568)
contains.

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Color

**YUV(153.2910, 2.3215,
48.8568)**

Conversions

Conversions Part 1

Format	Color
Hex	D17C9E
RGB	209, 124, 158
RGB Percent	82%, 49%, 62%
CMY	0.1804, 0.5137, 0.3804
CMYK	0.00, 0.41, 0.24, 0.18
HSL	336°, 48%, 65%
HSV	336°, 41%, 82%
XYZ	39.6737, 30.4392, 36.1321
YIQ	153.2910, 39.7460, 28.5940

Conversions

Conversions Part 2

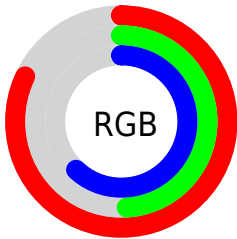
Format	Color
R _Y B	209, 124, 158
Decimal	13728926
CIE Lab	62.03, 37.33, -3.93
CIE LCh	62, 37.537, 353.993
Yxy	30.4392, 0.3734, 0.2865
Android (android.graphics.Color)	4291919006 (0xFFD17C9E)
YUV	153.2910, 2.3215, 48.8568
Hunter-Lab	55.1718, 31.8078, -0.2089

Details

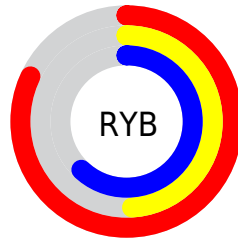
The YUV color **153.2910, 2.3215, 48.8568** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **179.7090, -2.3215, -48.8568**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0130, 3.9376, 43.8386**, and **100.7960, 3.0586, 45.7829** is the 20% darker color. If you saturate the color by 10%, you get **139.4820, 2.7204, 60.9673**, and if you desaturate by 10%, it is **167.1000, 1.9227, 36.7463**.

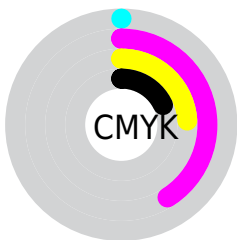
Distribution



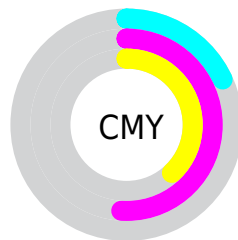
- Red (82%)
- Green (49%)
- Blue (62%)



- Red (82%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (41%)
- Yellow (24%)
- Black (18%)





- Cyan (18%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.2910, 2.3215, 48.8568 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 153.2910, 2.3215, 48.8568 by changing the saturation by 10% instead.


 153.2910, 2.3215,
48.8568


 153.2910, 2.3215,
48.8568


255.0000, 0.0000,
0.0000

 126.3940, 2.7638,
47.0125

 205.0130, 3.9376,
43.8386


 100.7960, 3.0586,
45.7829


 224.6410, 8.0650,
26.6248

 75.0130, 3.9376,
43.8386

 242.6730, 6.0772,
10.8108

 49.3550, 5.2480,
43.5387

 26.1590, 5.8376,
41.0796

 16.8880, 0.0552,
29.0392

 2.3920, -1.1793,

4.9182

■ 0.0000, 0.0000,
0.0000

■ 153.2910, 2.3215,
48.8568

■ 153.2910, 2.3215,
48.8568

■ 139.4820, 2.7204,
60.9673

■ 167.1000, 1.9227,
36.7463

■ 125.7870, 3.5560,
72.9778

■ 180.7950, 1.0871,
24.7358

■ 111.9780, 3.9548,
85.0883

■ 194.6040, 0.6882,
12.6253

■ 98.2830, 4.7905,
97.0988

■ 208.2990, -0.1474,
0.6148

■ 84.4740, 5.1893,
109.2093

■ 221.5210, -0.2569,
-10.9809

■ 72.0670, 5.8830,
120.0902

■ 235.2160, -1.0925,
-22.9914

■ 240.2200, 2.8495,
-27.3799

■ 241.2460, 6.7807,
-28.2797

Harmonies

Analogous

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



154.3450, 17.0849, 26.8844



153.2910, 2.3215, 48.8568



151.6110, -13.1192, 54.7152

Triad

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



153.2910, 2.3215, 48.8568



144.6600, -27.9334, -0.5788



118.8230, 41.4993, -104.2078

Complementary

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



153.2910, 2.3215, 48.8568



179.7090, -2.3215, -48.8568

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.



118.0930, 28.5482, -103.5676



153.2910, 2.3215, 48.8568



139.6160, -14.6007, -30.3582

Square

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



153.2910, 2.3215, 48.8568



148.0870, -32.0879, 25.3567



130.9610, 5.4422, -65.7408



141.3230, 36.8158, -48.5183

Rectangle

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



153.2910, 2.3215, 48.8568



150.4720, -22.4177, 50.4521



130.9610, 5.4422, -65.7408



119.0850, 37.4261, -104.4375

Sweetspot

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



153.2910, 2.3215, 48.8568



234.7510, 1.1088, 17.7584



148.9390, 29.6101, 22.8555



116.1800, 0.4043, 10.3661



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.



153.2910, 2.3215, 48.8568



173.0750, 3.4140, 71.8482



154.1110, -14.8447, 48.1377



97.7450, 0.1257, 6.3626



57.8700, 4.5011, 96.5840



14.0830, 0.9451, 23.6062

Inverse Universe

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



153.2910, 2.3215, 48.8568



173.0750, 3.4140, 71.8482



178.3020, 15.1341, -47.6229



97.7450, 0.1257, 6.3626



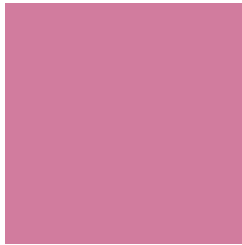
57.8700, 4.5011, 96.5840



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 153.2910, 2.3215, 48.8568 looks on a white background.

Color Contrast Check

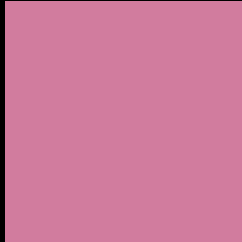
Large Text (above 18pt) WCAG AA × Fail

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 153.2910, 2.3215, 48.8568 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 153.2910, 2.3215, 48.8568

Background



This preview shows how black text looks on a background with the YUV color 153.2910, 2.3215, 48.8568.



This preview shows how white text looks on a background with the YUV color 153.2910, 2.3215,

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

153.2910, 2.3215, 48.8568

Protanopia

150.9530, 11.3622, -4.3438

Deuteranopia

151.9950, 0.9885, 9.6514



Tritanopia

152.6470, -7.7140, 47.6676

Trichromacy



Original Color

153.2910, 2.3215, 48.8568

Protanomaly

151.8630, 7.9555, 15.0291

Deuteranomaly

152.4960, 1.2345, 24.1210

Tritanomaly

153.2710, -4.0776, 47.9973

Monochromacy



Original Color

153.2910, 2.3215, 48.8568

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.7510, 1.1088, 17.7584

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2910, 2.3215, 48.8568 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(209, 124, 158)` looks like.

```
.text, #text, p{  
    color:rgb(209, 124, 158)  
}
```

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(209, 124, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 124, 158) }
```

Border

The CSS property to change the border of an element to YUV 153.2910, 2.3215, 48.8568 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(209, 124, 158) }
```


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

```
.border{ border-color:rgb(209, 124, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 124, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 124, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 124, 158);  
box-shadow:4px 4px 4px 4px rgb(209, 124,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 153.2910, 2.3215, 48.8568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 124, 158) }
```

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

```
.background{ background-color: rgb(209,  
124, 158) }
```

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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