

Converting Colors

YUV(150.7120, 13.9460,
53.7496)

Have a look what the booklet for
YUV(150.7120, 13.9460, 53.7496)
contains.

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Color

**YUV(150.7120, 13.9460,
53.7496)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D472B3 |
| RGB | 212, 114, 179 |
| RGB Percent | 83%, 45%, 70% |
| CMY | 0.1686, 0.5529, 0.2980 |
| CMYK | 0.00, 0.46, 0.16, 0.17 |
| HSL | 320°, 53%, 64% |
| HSV | 320°, 46%, 83% |
| XYZ | 41.3054, 29.2863, 46.1236 |
| YIQ | 150.7120, 37.5430, 40.9910 |

Conversions

Conversions Part 2

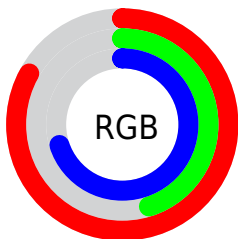
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 212, 114, 179 |
| Decimal | 13922995 |
| CIE Lab | 61.03, 46.69, -17.39 |
| CIE LCh | 61, 49.819, 339.572 |
| Yxy | 29.2863, 0.3539, 0.2509 |
| Android (android.graphics.Color) | 4292113075 (0xFFD472B3) |
| YUV | 150.7120, 13.9460, 53.7496 |
| Hunter-Lab | 54.1169, 41.5379, -12.6509 |

Details

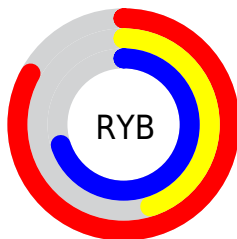
The YUV color **150.7120, 13.9460, 53.7496** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **175.2880, -13.9460, -53.7496**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6510, 16.4411, 46.7871**, and **96.5160, 14.5356, 51.2905** is the 20% darker color. If you saturate the color by 10%, you get **137.5870, 16.9656, 65.2602**, and if you desaturate by 10%, it is **163.8370, 10.9264, 42.2390**.

Distribution



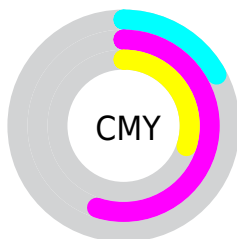
- Red (83%)
- Green (45%)
- Blue (70%)



- Red (83%)
- Yellow (45%)
- Blue (70%)



- Cyan (0%)
- Magenta (46%)
- Yellow (16%)
- Black (17%)



- Cyan (17%)
- Magenta (55%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.7120, 13.9460, 53.7496 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 150.7120, 13.9460, 53.7496 by changing the saturation by 10% instead.

150.7120, 13.9460,
53.7496

150.7120, 13.9460,
53.7496

255.0000, 0.0000,
0.0000

123.7010, 13.9514,
52.0052

201.6510, 16.4411,
46.7871

96.5160, 14.5356,
51.2905

220.3670, 17.0741,
30.3731

69.7440, 15.4092,
51.0905

237.3900, 8.6817,
15.4440

38.9770, 18.7453,
54.3942

254.4130, 0.2894,
0.5148

28.5810, 12.5316,
40.7095

19.3100, 6.7492,
28.6691

5.6530, -0.3219,

9.9513

■ 0.0000, 0.0000,
0.0000

■ 150.7120, 13.9460,
53.7496

■ 150.7120, 13.9460,
53.7496

■ 137.5870, 16.9656,
65.2602

■ 163.8370, 10.9264,
42.2390

■ 124.4620, 19.9852,
76.7708

■ 176.9620, 7.9067,
30.7283

■ 110.7500, 23.2942,
88.7963

■ 190.6740, 4.5977,
18.7029

■ 97.5110, 25.8771,
100.4069

■ 203.9130, 2.0149,
7.0923

■ 84.3860, 28.8967,
111.9175

■ 217.0380, -1.0047,
-4.4183

■ 79.4620, 30.3382,
116.2358

■ 230.1630, -4.0244,
-15.9290

■ 239.1790, -5.0182,
-23.8360

■ 239.9770, -1.9607,
-24.5358

■ 240.7750, 1.0969,
-25.2357

Harmonies

Analogous

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



151.3510, 31.3790, 15.4782



150.7120, 13.9460, 53.7496



147.8440, -6.3321, 71.1738

Triad

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



150.7120, 13.9460, 53.7496



141.3880, -42.0963, 15.4457



121.0570, 39.9049, -106.1670

Complementary

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



150.7120, 13.9460, 53.7496



175.2880, -13.9460, -53.7496

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.



117.5570, 21.4174, -103.0975



150.7120, 13.9460, 53.7496



136.3600, -29.7575, -22.2407

Square

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



150.7120, 13.9460, 53.7496



144.7430, -40.2993, 45.8294



121.9030, -3.4032, -75.3369



120.0260, 53.7242, -105.2628

Rectangle

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



150.7120, 13.9460, 53.7496



146.8750, -20.1514, 70.2696



121.9030, -3.4032, -75.3369



120.1620, 33.9371, -105.3821

Sweetspot

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



150.7120, 13.9460, 53.7496



232.5000, 5.1765, 19.7325



135.0390, 37.9418, 10.4898



114.1740, 2.8722, 12.1254



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.



150.7120, 13.9460, 53.7496



167.4620, 19.9852, 76.7708



145.1260, -7.4571, 58.6485



100.0870, 1.4361, 6.0627



64.0110, 24.1516, 93.8294



16.1630, 6.3286, 23.5360

Inverse Universe

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



150.7120, 13.9460, 53.7496



167.4620, 19.9852, 76.7708



180.8740, 7.4571, -58.6485



100.0870, 1.4361, 6.0627



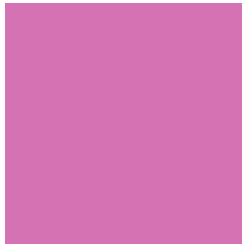
64.0110, 24.1516, 93.8294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 150.7120, 13.9460, 53.7496 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 150.7120, 13.9460, 53.7496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

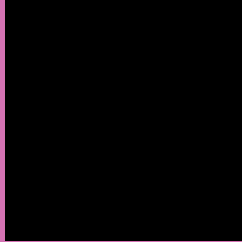
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.7120, 13.9460, 53.7496

Background



This preview shows how black text looks on a background with the YUV color 150.7120, 13.9460, 53.7496.



This preview shows how white text looks on a background with the YUV color 150.7120, 13.9460,

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

150.7120, 13.9460, 53.7496

Protanopia

147.8990, 26.6718, -14.8204

Deuteranopia

148.9150, 12.3669, 0.0745



Tritanopia

149.8430, -8.3036, 50.1267

Trichromacy



Original Color

150.7120, 13.9460, 53.7496



Protanomaly

148.6140, 22.3753, 9.9855



Deuteranomaly

149.5630, 13.0334, 19.6772



Tritanomaly

150.0310, -0.0153, 51.7158

Monochromacy



Original Color

150.7120, 13.9460, 53.7496



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.0870, 4.8871, 19.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7120, 13.9460, 53.7496 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(212, 114, 179)` looks like.

```
.text, #text, p{  
    color:rgb(212, 114, 179)  
}
```

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(212, 114, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 114, 179) }
```

Border

The CSS property to change the border of an element to YUV 150.7120, 13.9460, 53.7496 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(212, 114, 179) }
```


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

```
.border{ border-color:rgb(212, 114, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 114, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 114, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 114, 179);  
box-shadow:4px 4px 4px 4px rgb(212, 114,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 150.7120, 13.9460, 53.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 114, 179) }
```

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

```
.background{ background-color: rgb(212,  
114, 179) }
```

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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