

Converting Colors

YUV(153.0130, 7.3886, 56.9936)

Have a look what the booklet for
YUV(153.0130, 7.3886, 56.9936)
contains.

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Color

**YUV(153.0130, 7.3886,
56.9936)**

Conversions

Conversions Part 1

Format	Color
Hex	DA75A8
RGB	218, 117, 168
RGB Percent	85%, 46%, 66%
CMY	0.1451, 0.5412, 0.3412
CMYK	0.00, 0.46, 0.23, 0.15
HSL	330°, 58%, 66%
HSV	330°, 46%, 85%
XYZ	42.3426, 30.4552, 40.6925
YIQ	153.0130, 43.8250, 37.2730

Conversions

Conversions Part 2

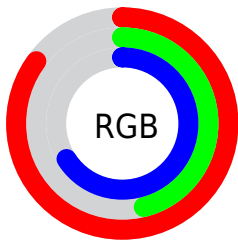
Format	Color
R _{YB}	218, 117, 168
Decimal	14316968
CIE Lab	62.04, 45.47, -9.50
CIE LCh	62, 46.452, 348.197
Yxy	30.4552, 0.3731, 0.2684
Android (android.graphics.Color)	4292507048 (0xFFDA75A8)
YUV	153.0130, 7.3886, 56.9936
Hunter-Lab	55.1862, 40.3815, -5.0882

Details

The YUV color **153.0130, 7.3886, 56.9936** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **181.9870, -7.3886, -56.9936**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.0440, 10.3313, 46.4424**, and **98.9310, 8.4150, 54.4345** is the 20% darker color. If you saturate the color by 10%, you get **138.8450, 8.9504, 69.4189**, and if you desaturate by 10%, it is **167.1810, 5.8268, 44.5683**.

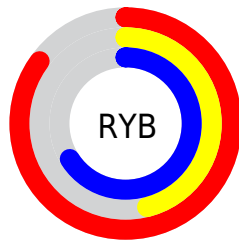
Distribution



Red (85%)

Green (46%)

Blue (66%)



Red (85%)

Yellow (46%)

Blue (66%)

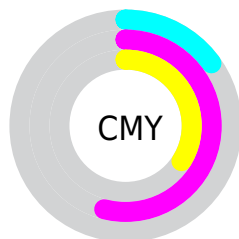


Cyan (0%)

Magenta (46%)

Yellow (23%)

Black (15%)



Cyan (15%)

Magenta (54%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.0130, 7.3886, 56.9936 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 153.0130, 7.3886, 56.9936 by changing the saturation by 10% instead.


 153.0130, 7.3886,
56.9936


 153.0130, 7.3886,
56.9936

255.0000, 0.0000,
0.0000


 126.1160, 7.8308,
55.1493

 202.0440, 10.3313,
46.4424

 98.9310, 8.4150,
54.4345

 221.7860, 14.8955,
29.1287

 72.4470, 9.1466,
53.1050

 239.1510, 7.8136,
13.8996

 41.2070, 13.2089,
56.8235

 28.8650, 8.4476,
43.9684

 19.2950, 2.8126,
31.3133

 6.9910, -2.9536,

14.0399

■ 0.0000, 0.0000,
0.0000

■ 153.0130, 7.3886,
56.9936

■ 153.0130, 7.3886,
56.9936

■ 138.8450, 8.9504,
69.4189

■ 167.1810, 5.8268,
44.5683

■ 124.6770, 10.5122,
81.8443

■ 181.3490, 4.2649,
32.1429

■ 111.2100, 12.2215,
93.6548

■ 194.8160, 2.5557,
20.3324

■ 97.0420, 13.7833,
106.0802

■ 208.9840, 0.9939,
7.9070

■ 82.8740, 15.3451,
118.5055

■ 223.1520, -0.5679,
-4.5183

■ 77.7220, 15.9131,
123.0238

■ 237.3200, -2.1298,
-16.9436

■ 242.6830, 0.6493,
-21.6470

■ 243.8230, 5.0173,
-22.6468

■ 243.9370, 5.4541,
-22.7467

Harmonies

Analogous

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



154.4080, 24.9419, 26.8292



153.0130, 7.3886, 56.9936



150.6280, -12.1416, 67.8552

Triad

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



153.0130, 7.3886, 56.9936



143.5870, -37.2644, 5.6242



121.9690, 43.3993, -106.9668

Complementary

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



153.0130, 7.3886, 56.9936



181.9870, -7.3886, -56.9936

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.



120.2130, 26.5170, -105.4268



153.0130, 7.3886, 56.9936



137.9550, -22.1628, -31.5325

Square

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



153.0130, 7.3886, 56.9936



147.3180, -39.1038, 35.6781



120.2200, 5.8075, -89.6469



119.5530, 54.4504, -104.8480

Rectangle

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



153.0130, 7.3886, 56.9936



149.5060, -23.9135, 63.5772



120.2200, 5.8075, -89.6469



122.0030, 38.4525, -106.9966

Sweetspot

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



153.0130, 7.3886, 56.9936



231.8160, 2.5557, 20.3324



143.1650, 36.8937, 20.0263



113.8320, 1.5618, 12.4253



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.



153.0130, 7.3886, 56.9936



162.9650, 10.3703, 80.7147



147.4270, -14.0145, 61.8925



102.8590, 0.5625, 6.2627



61.7590, 12.9368, 97.5584



16.3760, 3.2656, 25.9802

Inverse Universe

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



153.0130, 7.3886, 56.9936



162.9650, 10.3703, 80.7147



187.5730, 14.0145, -61.8925



102.8590, 0.5625, 6.2627



61.7590, 12.9368, 97.5584



16.3760, 3.2656, 25.9802

Previews

White Background



This preview shows how the YUV color 153.0130, 7.3886, 56.9936 looks on a white background.

Color Contrast Check

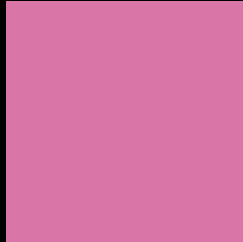
Large Text (above 18pt) WCAG AA × Fail

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 153.0130, 7.3886, 56.9936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

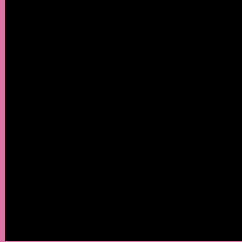
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.0130, 7.3886, 56.9936

Background



This preview shows how black text looks on a background with the YUV color 153.0130, 7.3886, 56.9936.



This preview shows how white text looks on a background with the YUV color 153.0130, 7.3886,

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

153.0130, 7.3886, 56.9936

Protanopia

151.1680, 18.6512, -8.9173

Deuteranopia

151.8250, 5.5093, 6.2925



Tritanopia

152.2350, -9.4829, 55.0449

Trichromacy



Original Color

153.0130, 7.3886, 56.9936



Protanomaly

151.5840, 14.5021, 15.2738



Deuteranomaly

151.8750, 6.4706, 24.6656



Tritanomaly

152.2550, -3.0837, 55.9044

Monochromacy



Original Color

153.0130, 7.3886, 56.9936



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.1150, 2.4083, 20.9471

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.0130, 7.3886, 56.9936 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(218, 117, 168)` looks like.

```
.text, #text, p{  
    color:rgb(218, 117, 168)  
}
```

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(218, 117, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 117, 168) }
```

Border

The CSS property to change the border of an element to YUV 153.0130, 7.3886, 56.9936 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(218, 117, 168) }
```


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

```
.border{ border-color:rgb(218, 117, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 117, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 117, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 117, 168);  
box-shadow:4px 4px 4px 4px rgb(218, 117,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 153.0130, 7.3886, 56.9936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 117, 168) }
```

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

```
.background{ background-color: rgb(218,  
117, 168) }
```

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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