

Converting Colors

YUV(158.2470, 5.7942, 55.0344)

Have a look what the booklet for
YUV(158.2470, 5.7942, 55.0344)
contains.

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Color

**YUV(158.2470, 5.7942,
55.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	DD7CAA
RGB	221, 124, 170
RGB Percent	87%, 49%, 67%
CMY	0.1333, 0.5137, 0.3333
CMYK	0.00, 0.44, 0.23, 0.13
HSL	332°, 59%, 68%
HSV	332°, 44%, 87%
XYZ	44.2821, 32.6897, 42.0060
YIQ	158.2470, 43.0460, 34.8700

Conversions

Conversions Part 2

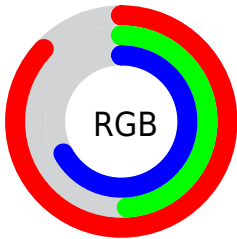
Format	Color
R_{YB}	221, 124, 170
Decimal	14515370
CIE Lab	63.91, 43.18, -7.82
CIE LCh	64, 43.882, 349.733
Yxy	32.6897, 0.3722, 0.2748
Android (android.graphics.Color)	4292705450 (0xFFDD7CAA)
YUV	158.2470, 5.7942, 55.0344
Hunter-Lab	57.1749, 38.1926, -3.5375

Details

The YUV color **158.2470, 5.7942, 55.0344** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **186.7530, -5.7942, -55.0344**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3810, 9.1792, 42.6389**, and **104.7520, 6.5313, 51.9605** is the 20% darker color. If you saturate the color by 10%, you get **143.9650, 6.9193, 67.5597**, and if you desaturate by 10%, it is **172.5290, 4.6692, 42.5091**.

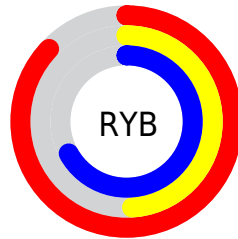
Distribution



Red (87%)

Green (49%)

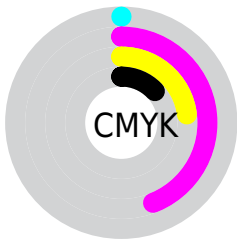
Blue (67%)



Red (87%)

Yellow (49%)

Blue (67%)

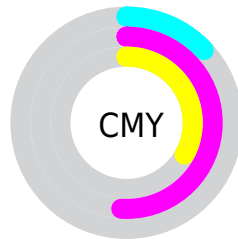


Cyan (0%)

Magenta (44%)

Yellow (23%)

Black (13%)



Cyan (13%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.2470, 5.7942, 55.0344 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 158.2470, 5.7942, 55.0344 by changing the saturation by 10% instead.

158.2470, 5.7942,
55.0344

158.2470, 5.7942,
55.0344

255.0000, 0.0000,
0.0000

131.3500, 6.2365,
53.1901

206.3810, 9.1792,
42.6389

104.7520, 6.5313,
51.9605

226.7100, 13.4540,
24.8103

78.2680, 7.2629,
50.6310

243.2600, 5.7878,
10.2960

50.5500, 9.5889,
51.2607

29.8760, 8.4421,
45.7127

20.1210, 3.3913,
32.3429

9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,
0.0000

■ 158.2470, 5.7942,
55.0344

■ 158.2470, 5.7942,
55.0344

■ 143.9650, 6.9193,
67.5597

■ 172.5290, 4.6692,
42.5091

■ 129.7970, 8.4811,
79.9850

■ 186.6970, 3.1074,
30.0837

■ 115.5150, 9.6061,
92.5103

■ 200.9790, 1.9824,
17.5584

■ 101.3470, 11.1679,
104.9357

■ 215.1470, 0.4205,
5.1331

■ 87.0650, 12.2930,
117.4610

■ 230.0160, -0.9939,
-7.9070

■ 78.0490, 13.2868,
125.3680

■ 243.1240, -1.5401,
-19.4027

■ 244.3780, 3.2646,
-20.5025

■ 244.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



159.5390, 22.9053, 26.7143



158.2470, 5.7942, 55.0344



156.0790, -12.8569, 63.9517

Triad

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



158.2470, 5.7942, 55.0344



149.2600, -34.6382, 3.2800



124.7730, 43.9889, -109.4259

Complementary

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



158.2470, 5.7942, 55.0344



186.7530, -5.7942, -55.0344

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.



123.2450, 27.9802, -108.0859



158.2470, 5.7942, 55.0344



143.2370, -19.8368, -30.9028

Square

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



158.2470, 5.7942, 55.0344



152.4640, -37.2038, 32.9191



130.3570, 4.7540, -78.3661



137.8620, 45.9170, -74.4240

Rectangle

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



158.2470, 5.7942, 55.0344



155.1850, -23.7552, 59.4738



130.3570, 4.7540, -78.3661



124.8070, 39.0421, -109.4557

Sweetspot

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



158.2470, 5.7942, 55.0344



233.6910, 2.1243, 18.6880



150.0080, 34.9991, 21.0410



114.4190, 1.2724, 11.9105



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.



158.2470, 5.7942, 55.0344



167.6610, 8.0551, 76.5963



154.1770, -14.8773, 58.6038



102.8590, 0.5625, 6.2627



61.0750, 10.3160, 98.1582



16.2620, 2.8288, 26.0802

Inverse Universe

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



158.2470, 5.7942, 55.0344



167.6610, 8.0551, 76.5963



190.8230, 14.8773, -58.6038



102.8590, 0.5625, 6.2627



61.0750, 10.3160, 98.1582



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 158.2470, 5.7942, 55.0344 looks on a white background.

Color Contrast Check

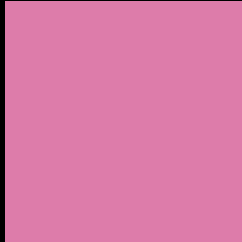
Large Text (above 18pt) WCAG AA × Fail

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 158.2470, 5.7942, 55.0344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

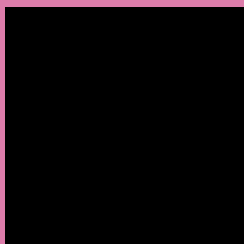
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.2470, 5.7942, 55.0344

Background



This preview shows how black text looks on a background with the YUV color 158.2470, 5.7942, 55.0344.



This preview shows how white text looks on a background with the YUV color 158.2470, 5.7942,

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

158.2470, 5.7942, 55.0344

Protanopia

155.8970, 16.3198, -7.8027

Deuteranopia

157.0810, 3.9041, 7.8220



Tritanopia

157.3380, -9.0406, 53.2006

Trichromacy



Original Color

158.2470, 5.7942, 55.0344



Protanomaly

156.7150, 12.4655, 15.1589



Deuteranomaly

157.4190, 4.7234, 25.0655



Tritanomaly

157.7170, -3.8045, 53.7452

Monochromacy



Original Color

158.2470, 5.7942, 55.0344



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.2890, 1.8295, 19.9175

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2470, 5.7942, 55.0344 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(221, 124, 170)` looks like.

```
.text, #text, p{  
    color:rgb(221, 124, 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(221, 124, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 124, 170) }
```

Border

The CSS property to change the border of an element to YUV 158.2470, 5.7942, 55.0344 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(221, 124, 170) }
```


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

```
.border{ border-color:rgb(221, 124, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 124, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 124, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 124, 170);  
box-shadow:4px 4px 4px 4px rgb(221, 124,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 158.2470, 5.7942, 55.0344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 124, 170) }
```

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

```
.background{ background-color: rgb(221,  
124, 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](#).

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