

Converting Colors

YUV(149.3440, 8.7044, 54.9493)

Have a look what the booklet for
YUV(149.3440, 8.7044, 54.9493)
contains.

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Color

**YUV(149.3440, 8.7044,
54.9493)**

Conversions

Conversions Part 1

Format	Color
Hex	D472A7
RGB	212, 114, 167
RGB Percent	83%, 45%, 65%
CMY	0.1686, 0.5529, 0.3451
CMYK	0.00, 0.46, 0.21, 0.17
HSL	328°, 53%, 64%
HSV	328°, 46%, 83%
XYZ	40.1437, 28.8217, 40.0066
YIQ	149.3440, 41.3950, 37.2590

Conversions

Conversions Part 2

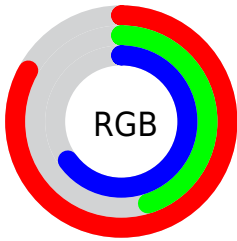
Format	Color
R_{YB}	212, 114, 167
Decimal	13922983
CIE _{Lab}	60.62, 44.87, -11.14
CIE _{LCh}	61, 46.229, 346.059
Yxy	28.8217, 0.3684, 0.2645
Android (android.graphics.Color)	4292113063 (0xFFD472A7)
YUV	149.3440, 8.7044, 54.9493
Hunter-Lab	53.6858, 39.5237, -6.6027

Details

The YUV color **149.3440, 8.7044, 54.9493** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **176.6560, -8.7044, -54.9493**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1690, 10.7627, 48.0868**, and **95.8490, 9.4414, 51.8754** is the 20% darker color. If you saturate the color by 10%, you get **135.8770, 10.4136, 66.7599**, and if you desaturate by 10%, it is **162.8110, 6.9952, 43.1388**.

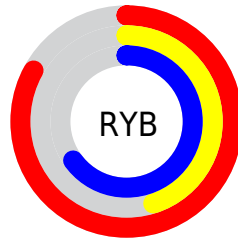
Distribution



Red (83%)

Green (45%)

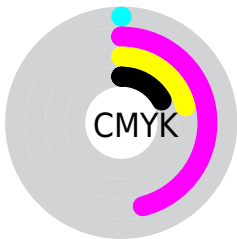
Blue (65%)



Red (83%)

Yellow (45%)

Blue (65%)

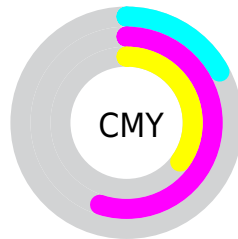


Cyan (0%)

Magenta (46%)

Yellow (21%)

Black (17%)



Cyan (17%)

Magenta (55%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.3440, 8.7044, 54.9493 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 149.3440, 8.7044, 54.9493 by changing the saturation by 10% instead.

 149.3440, 8.7044,
54.9493


 149.3440, 8.7044,
54.9493


255.0000, 0.0000,
0.0000

 122.4470, 9.1466,
53.1050


 200.1690, 10.7627,
48.0868

 95.8490, 9.4414,
51.8754


 219.9110, 15.3269,
30.7731


 69.0770, 10.3150,
51.6755

 237.3900, 8.6817,
15.4440

 37.8370, 14.3774,
55.3940

254.4130, 0.2894,
0.5148

 27.2560, 8.7478,
40.9945

 18.0990, 3.4022,
28.8542

 3.5880, -1.7689,

7.3773

■ 0.0000, 0.0000,
0.0000

■ 149.3440, 8.7044,
54.9493

■ 149.3440, 8.7044,
54.9493

■ 135.8770, 10.4136,
66.7599

■ 162.8110, 6.9952,
43.1388

■ 122.5240, 12.5597,
78.4705

■ 176.1640, 4.8491,
31.4282

■ 108.4700, 14.5583,
90.7958


■ 190.2180, 2.8505,
19.1028

■ 95.0030, 16.2675,
102.6064

■ 203.6850, 1.1413,
7.2923


■ 81.5360, 17.9768,
114.4169


■ 217.1520, -0.5679,
-4.5183

 76.4980, 18.9815,
118.8353

 230.5050, -2.7140,
-16.2289

 239.8630, -2.3975,
-24.4359

 241.0030, 1.9705,
-25.4356

 242.1430, 6.3385,
-26.4354

Harmonies

Analogous

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



150.6140, 25.8263, 23.1405



149.3440, 8.7044, 54.9493



146.7850, -10.2470, 66.8406

Triad

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



149.3440, 8.7044, 54.9493



140.4840, -37.7066, 7.4685



119.5240, 41.6467, -104.8225

Complementary

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



149.3440, 8.7044, 54.9493



176.6560, -8.7044, -54.9493

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.



117.0670, 24.6170, -102.6678



149.3440, 8.7044, 54.9493



134.6350, -23.4841, -27.7439

Square

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



149.3440, 8.7044, 54.9493



143.4430, -38.6724, 37.3225



119.1670, 2.8757, -82.5845



117.2220, 53.1346, -102.8037

Rectangle

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



149.3440, 8.7044, 54.9493



145.8480, -22.6031, 63.2773



119.1670, 2.8757, -82.5845



118.8570, 36.5525, -104.2376

Sweetspot

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



149.3440, 8.7044, 54.9493



232.0440, 3.4293, 20.1324



138.3280, 36.3203, 17.2523



113.9460, 1.9986, 12.3254



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.



149.3440, 8.7044, 54.9493



165.5240, 12.5597, 78.4705



143.8720, -12.2619, 59.7483



99.9730, 0.9993, 6.1627



61.6170, 14.9788, 95.9289



15.4790, 3.7079, 24.1359

Inverse Universe

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



149.3440, 8.7044, 54.9493



165.5240, 12.5597, 78.4705



182.1280, 12.2619, -59.7483



99.9730, 0.9993, 6.1627



61.6170, 14.9788, 95.9289



15.4790, 3.7079, 24.1359

Previews

White Background



This preview shows how the YUV color 149.3440, 8.7044, 54.9493 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 149.3440, 8.7044, 54.9493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

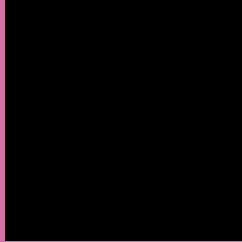
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.3440, 8.7044, 54.9493

Background



This preview shows how black text looks on a background with the YUV color 149.3440, 8.7044, 54.9493.



This preview shows how white text looks on a background with the YUV color 149.3440, 8.7044,

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

149.3440, 8.7044, 54.9493

Protanopia

147.2110, 20.1090, -9.8320

Deuteranopia

148.4550, 6.6777, 4.8630



Tritanopia

148.0390, -8.8932, 52.5858

Trichromacy



Original Color

149.3440, 8.7044, 54.9493

Protanomaly

148.2140, 15.6705, 13.8443

Deuteranomaly

148.5050, 7.6390, 23.2361

Tritanomaly

148.0590, -2.4941, 53.4453

Monochromacy



Original Color

149.3440, 8.7044, 54.9493

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0440, 3.4293, 20.1324

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.3440, 8.7044, 54.9493 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(212, 114, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 114, 167) }
```

Border

The CSS property to change the border of an element to YUV 149.3440, 8.7044, 54.9493 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, 167) }
```


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

```
.border{ border-color:rgb(212, 114, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 114, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 114, 167);  
box-shadow:4px 4px 4px 4px rgb(212, 114,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 149.3440, 8.7044, 54.9493 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, 167) }
```

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

```
.background{ background-color: rgb(212,  
114, 167) }
```

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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