

Converting Colors

YUV(145.7400, 11.4672,
55.4790)

Have a look what the booklet for
YUV(145.7400, 11.4672, 55.4790)
contains.

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Color

**YUV(145.7400, 11.4672,
55.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	D16DA9
RGB	209, 109, 169
RGB Percent	82%, 43%, 66%
CMY	0.1804, 0.5725, 0.3373
CMYK	0.00, 0.48, 0.19, 0.18
HSL	324°, 52%, 62%
HSV	324°, 48%, 82%
XYZ	38.9246, 27.3572, 40.7650
YIQ	145.7400, 40.3400, 39.8600

Conversions

Conversions Part 2

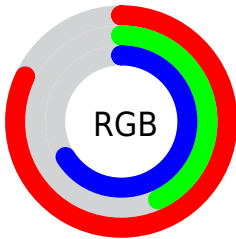
Format	Color
R _Y B	209, 109, 169
Decimal	13725097
CIE Lab	59.30, 46.72, -14.31
CIE LCh	59, 48.865, 342.967
Yxy	27.3572, 0.3636, 0.2556
Android (android.graphics.Color)	4291915177 (0xFFD16DA9)
YUV	145.7400, 11.4672, 55.4790
Hunter-Lab	52.3041, 41.3071, -9.5969

Details

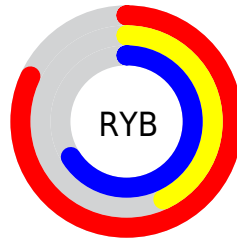
The YUV color **145.7400, 11.4672, 55.4790** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **172.2600, -11.4672, -55.4790**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4620, 13.0832, 50.4608**, and **91.6580, 12.4936, 52.9199** is the 20% darker color. If you saturate the color by 10%, you get **132.5010, 14.0500, 67.0896**, and if you desaturate by 10%, it is **158.9790, 8.8844, 43.8684**.

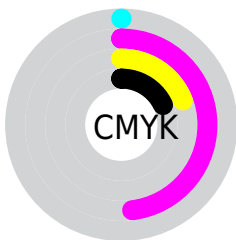
Distribution



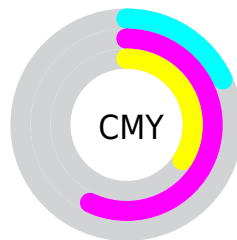
- Red (82%)
- Green (43%)
- Blue (66%)



- Red (82%)
- Yellow (43%)
- Blue (66%)



- Cyan (0%)
- Magenta (48%)
- Yellow (19%)
- Black (18%)




- Cyan (18%)
- Magenta (57%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.7400, 11.4672, 55.4790 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 145.7400, 11.4672, 55.4790 by changing the saturation by 10% instead.


 145.7400, 11.4672,
55.4790


 145.7400, 11.4672,
55.4790


255.0000, 0.0000,
0.0000

 118.8430, 11.9094,
53.6347


 197.4620, 13.0832,
50.4608

 91.6580, 12.4936,
52.9199

 217.2040, 17.6474,
33.1471


 64.2990, 13.6566,
53.2348

 234.4550, 10.1287,
18.0180

 37.1680, 15.6932,
53.3497

 251.4780, 1.7363,
3.0888

 26.7720, 9.4794,
39.6650

 17.6150, 4.1338,
27.5246

 0.5980, -0.2948,

1.2296

■ 0.0000, 0.0000,
0.0000

■ 145.7400, 11.4672,
55.4790

■ 145.7400, 11.4672,
55.4790

■ 132.5010, 14.0500,
67.0896

■ 158.9790, 8.8844,
43.8684

■ 119.1480, 16.1960,
78.8002

■ 172.3320, 6.7383,
32.1578

■ 105.9090, 18.7789,
90.4108

■ 185.5710, 4.1555,
20.5472

■ 92.6700, 21.3617,
102.0214

■ 198.8100, 1.5727,
8.9366

■ 79.9040, 23.2183,
113.2172

■ 211.5760, -0.2840,
-2.2592

■ 76.7410, 23.7917,
115.9911

■ 224.8150, -2.8668,
-13.8698

■ 238.1680, -5.0128,
-25.5803

■ 239.0800, -1.5184,
-26.3802

■ 239.9920, 1.9759,
-27.1800

Harmonies

Analogous

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



147.1020, 29.0367, 20.0815



145.7400, 11.4672, 55.4790



143.2630, -8.5107, 69.9293

Triad

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



145.7400, 11.4672, 55.4790



136.4090, -40.6276, 11.0423



117.8940, 40.4783, -103.3930

Complementary

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



145.7400, 11.4672, 55.4790



172.2600, -11.4672, -55.4790

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.



114.6220, 22.8644, -100.5235



145.7400, 11.4672, 55.4790



131.4350, -26.8365, -25.8145

Square

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



145.7400, 11.4672, 55.4790



140.1230, -39.9936, 41.1111



112.1940, 1.8764, -88.7471



115.9340, 53.2765, -101.6741

Rectangle

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



145.7400, 11.4672, 55.4790



141.8100, -21.5983, 67.6956



112.1940, 1.8764, -88.7471



117.1130, 34.9473, -102.7081

Sweetspot

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



145.7400, 11.4672, 55.4790



232.2720, 4.3029, 19.9325



132.3600, 37.7835, 14.5933



114.0600, 2.4354, 12.2254



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.



145.7400, 11.4672, 55.4790



163.2730, 16.6274, 80.4446



140.0400, -10.3727, 60.4779



97.9730, 0.9993, 6.1627



61.7460, 19.3522, 93.1848



14.9950, 4.4395, 22.8064

Inverse Universe

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



145.7400, 11.4672, 55.4790



163.2730, 16.6274, 80.4446



177.9600, 10.3727, -60.4779



97.9730, 0.9993, 6.1627



61.7460, 19.3522, 93.1848



14.9950, 4.4395, 22.8064

Previews

White Background



This preview shows how the YUV color 145.7400, 11.4672, 55.4790 looks on a white background.

Color Contrast Check

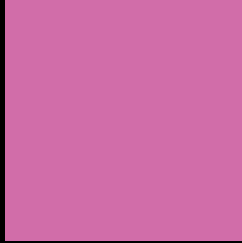
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.7400, 11.4672, 55.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

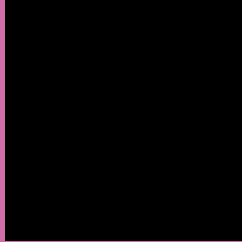
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.7400, 11.4672, 55.4790

Background



This preview shows how black text looks on a background with the YUV color 145.7400, 11.4672, 55.4790.



This preview shows how white text looks on a background with the YUV color 145.7400, 11.4672, 55.4790.

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

145.7400, 11.4672, 55.4790

Protanopia

143.2260, 24.0456, -12.4762

Deuteranopia

144.8290, 9.4513, 1.9040



Tritanopia

144.9250, -9.3300, 52.6858

Trichromacy



Original Color

145.7400, 11.4672, 55.4790

Protanomaly

143.9410, 19.7491, 12.3297

Deuteranomaly

145.4770, 10.1178, 21.5067

Tritanomaly

145.2870, -1.6205, 53.2453

Monochromacy



Original Color

145.7400, 11.4672, 55.4790

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1580, 3.8661, 20.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.7400, 11.4672, 55.4790 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, 109, 169)` looks like.

```
.text, #text, p{  
    color:rgb(209, 109, 169)  
}
```

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, 109, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 109, 169) }
```

Border

The CSS property to change the border of an element to YUV 145.7400, 11.4672, 55.4790 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, 109, 169) }
```


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

```
.border{ border-color:rgb(209, 109, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 109, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 109, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 109, 169); box-shadow:4px 4px 4px 4px rgb(209, 109, 169) }
```

Background

The CSS property to change the background color of an element to YUV 145.7400, 11.4672, 55.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 109, 169) }
```

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

```
.background{ background-color: rgb(209,  
109, 169) }
```

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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