

Converting Colors

YUV(151.5690, -2.7455,
40.7200)

Have a look what the booklet for
YUV(151.5690, -2.7455, 40.7200)
contains.

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Color

**YUV(151.5690, -2.7455,
40.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	C68192
RGB	198, 129, 146
RGB Percent	78%, 51%, 57%
CMY	0.2235, 0.4941, 0.4275
CMYK	0.00, 0.35, 0.26, 0.22
HSL	345°, 38%, 64%
HSV	345°, 35%, 78%
XYZ	36.3273, 29.7816, 31.0279
YIQ	151.5690, 35.6670, 19.9150

Conversions

Conversions Part 2

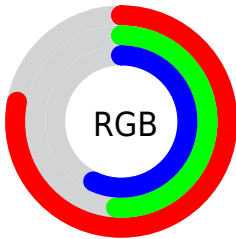
Format	Color
R _Y B	198, 129, 146
Decimal	13009298
CIE Lab	61.47, 28.95, 1.95
CIE LCh	61, 29.020, 3.852
Yxy	29.7816, 0.3740, 0.3066
Android (android.graphics.Color)	4291199378 (0xFFC68192)
YUV	151.5690, -2.7455, 40.7200
Hunter-Lab	54.5725, 23.3201, 4.4907

Details

The YUV color $151.5690, -2.7455, 40.7200$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $175.4310, 2.7455, -40.7200$, and the grayscale version is $152.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $206.4660, -3.1877, 42.5643$, and $100.0740, -2.0085, 37.6461$ is the 20% darker color. If you saturate the color by 10%, you get $138.1190, -3.5097, 52.5156$, and if you desaturate by 10%, it is $165.0190, -1.9814, 28.9243$.

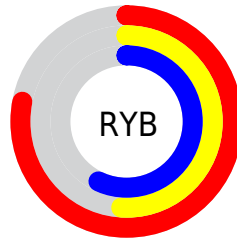
Distribution



Red (78%)

Green (51%)

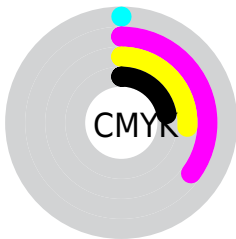
Blue (57%)



Red (78%)

Yellow (51%)

Blue (57%)

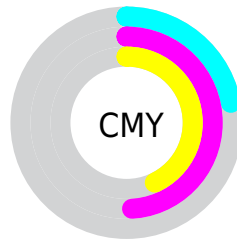


Cyan (0%)

Magenta (35%)

Yellow (26%)

Black (22%)



Cyan (22%)

Magenta (49%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.5690, -2.7455, 40.7200 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 151.5690, -2.7455, 40.7200 by changing the saturation by 10% instead.


 151.5690, -2.7455,
40.7200


 151.5690, -2.7455,
40.7200


255.0000, 0.0000,
0.0000


 124.9710, -2.4507,
39.4904


 206.4660, -3.1877,
42.5643

 100.0740, -2.0085,
37.6461


 226.0940, 0.9397,
25.3506

 74.5900, -1.2769,
36.3166

 245.6080, 4.6303,
8.2368

 50.8070, -0.3979,
34.3723

 25.9640, 1.4967,
33.3576

 13.3840, -5.6123,
26.8502

 0.0000, 0.0000,

0.0000

■ 151.5690, -2.7455,
40.7200

■ 151.5690, -2.7455,
40.7200

■ 138.1190, -3.5097,
52.5156

■ 165.0190, -1.9814,
28.9243

■ 124.6690, -4.2738,
64.3113

■ 178.4690, -1.2172,
17.1287

■ 111.8060, -5.3274,
75.5921

■ 191.3320, -0.1637,
5.8478

■ 98.3560, -6.0915,
87.3878

■ 204.7820, 0.6005,
-5.9478

■ 84.9060, -6.8557,
99.1834

■ 218.2320, 1.3646,
-17.7435

■ 71.4560, -7.6198,
110.9791

■ 231.6820, 2.1288,
-29.5391

■ 64.7880, -7.7835,
116.8269

■ 237.3870, 6.2182,
-34.5424

■ 237.9570, 8.4022,
-35.0423

Harmonies

Analogous

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



152.6950, 9.5174, 27.4545



151.5690, -2.7455, 40.7200



150.4800, -14.5336, 41.6750

Triad

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



151.5690, -2.7455, 40.7200



143.3200, -18.8918, -7.2966



138.4940, 27.3645, -50.4222

Complementary

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



151.5690, -2.7455, 40.7200



175.4310, 2.7455, -40.7200

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.



132.8100, 21.2927, -62.9774



151.5690, -2.7455, 40.7200



139.5650, -7.1805, -30.3135

Square

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



151.5690, -2.7455, 40.7200



146.6710, -24.4878, 14.3205



135.6190, 7.5828, -52.2859



146.3170, 25.9727, -23.9570

Rectangle

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



151.5690, -2.7455, 40.7200



148.9540, -20.1903, 35.9973



135.6190, 7.5828, -52.2859



136.1080, 26.0758, -57.0997

Sweetspot

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



151.5690, -2.7455, 40.7200



238.1590, -1.0644, 14.7696



152.4140, 22.4739, 25.0699



117.2400, -0.6113, 9.4365



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.



151.5690, -2.7455, 40.7200



182.9570, -4.4158, 63.1817



159.6100, -15.0907, 33.6680



92.9190, -0.4531, 5.3330



53.2970, -6.5554, 96.2095



11.7900, -1.3755, 21.2322

Inverse Universe

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



151.5690, -2.7455, 40.7200



182.9570, -4.4158, 63.1817



167.3900, 15.0907, -33.6680



92.9190, -0.4531, 5.3330



53.2970, -6.5554, 96.2095



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 151.5690, -2.7455, 40.7200 looks on a white background.

Color Contrast Check

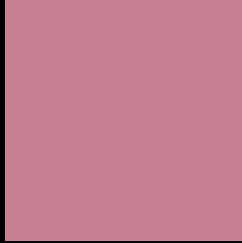
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.5690, -2.7455, 40.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

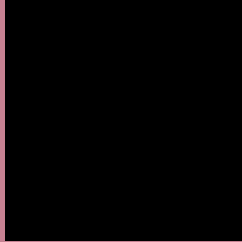
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.5690, -2.7455, 40.7200

Background



This preview shows how black text looks on a background with the YUV color 151.5690, -2.7455, 40.7200.



This preview shows how white text looks on a background with the YUV color 151.5690, -2.7455,

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

151.5690, -2.7455, 40.7200

Protanopia

149.3250, 3.7838, -0.2850

Deuteranopia

150.1650, -3.5323, 13.0103



Tritanopia

151.1730, -5.5083, 40.1903

Trichromacy



Original Color

151.5690, -2.7455, 40.7200

Protanomaly

150.1420, 1.4090, 14.7845

Deuteranomaly

150.9320, -3.4175, 22.8616

Tritanomaly

151.4010, -4.6347, 39.9903

Monochromacy



Original Color

151.5690, -2.7455, 40.7200

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1590, -1.0644, 14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5690, -2.7455, 40.7200 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(198, 129, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 129, 146)  
}
```

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(198, 129, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 129, 146) }
```

Border

The CSS property to change the border of an element to YUV 151.5690, -2.7455, 40.7200 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(198, 129, 146) }
```


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

```
.border{ border-color:rgb(198, 129, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 129, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 129, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 129, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 129,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 151.5690, -2.7455, 40.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 129, 146) }
```

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

```
.background{ background-color: rgb(198,  
129, 146) }
```

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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