

Converting Colors

YUV(190.7090, 31.6955, 7.2712)

Have a look what the booklet for
YUV(190.7090, 31.6955, 7.2712)
contains.

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Color

**YUV(190.7090, 31.6955,
7.2712)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AEFF
RGB	199, 174, 255
RGB Percent	78%, 68%, 100%
CMY	0.2196, 0.3176, 0.0000
CMYK	0.22, 0.32, 0.00, 0.00
HSL	259°, 100%, 84%
HSV	259°, 32%, 100%
XYZ	56.7392, 49.6342, 101.1976
YIQ	190.7090, -11.1010, 30.4910

Conversions

Conversions Part 2

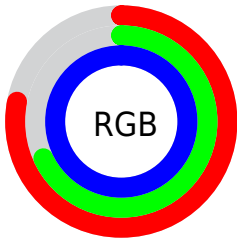
Format	Color
RYB	199, 174, 255
Decimal	13086463
CIELab	75.84, 25.12, -36.83
CIElCh	76, 44.580, 304.301
Yxy	49.6342, 0.2733, 0.2391
Android (android.graphics.Color)	4291276543 (0xFFC7AEFF)
YUV	190.7090, 31.6955, 7.2712
Hunter-Lab	70.4516, 20.4675, -35.8489

Details

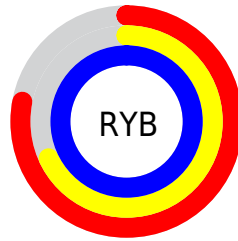
The YUV color **190.7090, 31.6955, 7.2712** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **238.2910, -31.6955, -7.2712**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3250, 7.2348, 12.8700**, and **136.6550, 30.2431, 6.4416** is the 20% darker color. If you saturate the color by 10%, you get **170.0650, 41.8730, 9.5900**, and if you desaturate by 10%, it is **211.3530, 21.5180, 4.9524**.

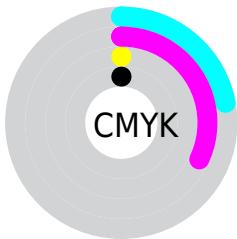
Distribution



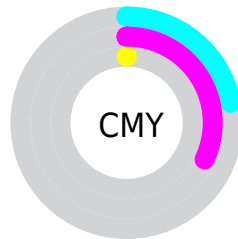
- Red (78%)
- Green (68%)
- Blue (100%)



- Red (78%)
- Yellow (68%)
- Blue (100%)



- Cyan (22%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.7090, 31.6955, 7.2712 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 190.7090, 31.6955, 7.2712 by changing the saturation by 10% instead.

■ 190.7090, 31.6955,
7.2712

■ 190.7090, 31.6955,
7.2712

255.0000, 0.0000,
0.0000

■ 163.1820, 30.9693,
6.8564

■ 240.3250, 7.2348,
12.8700

■ 136.6550, 30.2431,
6.4416

■ 110.7150, 29.2275,
5.5119

■ 85.8890, 28.6487,
4.4823

■ 62.5360, 27.3438,
3.0379

■ 38.9980, 26.6230,
0.8788

■ 14.9760, 26.6338,

-2.6100

■ 5.2440, 20.0927,
-4.5990

■ 3.3230, 10.1938,
-2.9143

■ 190.7090, 31.6955,
7.2712

■ 190.7090, 31.6955,
7.2712

■ 170.0650, 41.8730,
9.5900

■ 211.3530, 21.5180,
4.9524

■ 150.3070, 51.6136,
12.0088

■ 231.1110, 11.7773,
2.5337

■ 130.2500, 61.5018,
13.8127

■ 251.7550, 1.5998,
0.2149

■ 109.6060, 71.6792,
16.1315

■ 255.0000, 0.0000,
0.0000

■ 89.8480, 81.4199,
18.5503

■ 69.2040, 91.5974,
20.8691

■ 52.6910, 99.7383,
23.0730

Harmonies

Analogous

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



180.0790, 36.9361, -40.4113



190.7090, 31.6955, 7.2712



191.9990, 15.2835, 44.7279

Triad

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



190.7090, 31.6955, 7.2712



186.2040, -36.0896, 48.9331



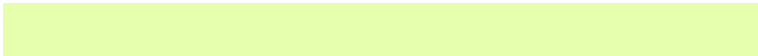
155.9330, 17.7810, -103.4272

Complementary

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



190.7090, 31.6955, 7.2712



238.2910, -31.6955, -7.2712

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.



171.8090, -10.7518, -51.5755



190.7090, 31.6955, 7.2712



182.8170, -39.3498, 21.2085

Square

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



190.7090, 31.6955, 7.2712



185.8800, -21.1398, 60.6182



178.6000, -30.3688, -12.8042



147.9570, 41.4332, -129.7583

Rectangle

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



190.7090, 31.6955, 7.2712



189.6880, 3.6048, 57.2786



178.6000, -30.3688, -12.8042



162.9050, 6.9488, -82.3547

Sweetspot

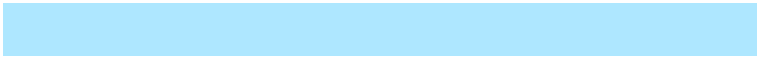
The Sweet Spot groups the original color and five complimentary colors.



190.7090, 31.6955, 7.2712



234.9430, 9.8881, 1.8040



216.6930, 18.8854, -37.4418



115.3190, 6.2517, 1.4742



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.



190.7090, 31.6955, 7.2712



178.0280, 37.9472, 8.7454



202.6690, 25.7992, 31.8623



117.6780, 5.0887, 1.1594



39.4150, 74.7314, 17.1760



13.2760, 25.0069, 5.8969

Inverse Universe

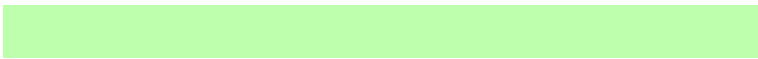
The Inverse Universe completely reimagines the original color for something new.



204.6030, 12.5207, 44.1982



194.6410, 14.9670, 52.9348



226.3310, -25.7992, -31.8623



119.9130, 2.0149, 7.0923



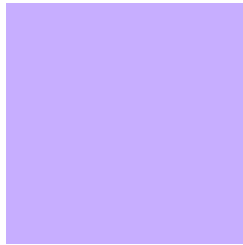
72.1570, 29.5026, 104.2253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 190.7090, 31.6955, 7.2712 looks on a white background.

Color Contrast Check

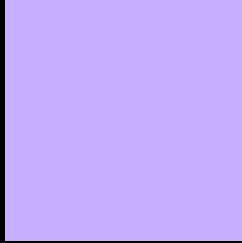
Large Text (above 18pt) WCAG AA × Fail

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 190.7090, 31.6955, 7.2712 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 190.7090, 31.6955, 7.2712

Background



This preview shows how black text looks on a background with the YUV color 190.7090, 31.6955, 7.2712.

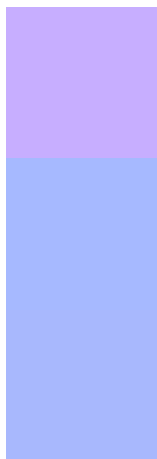


This preview shows how white text looks on a background with the YUV color 190.7090, 31.6955,

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

190.7090, 31.6955, 7.2712

Protanopia

187.2990, 33.3766, -18.6792

Deuteranopia

187.0820, 32.4976, -16.7349



Tritanopia

187.9060, 5.9623, 0.9594

Trichromacy



Original Color

190.7090, 31.6955, 7.2712

Protanomaly

188.5390, 32.7653, -9.2427

Deuteranomaly

188.1370, 32.4705, -8.0131

Tritanomaly

189.0340, 15.2662, 3.4782

Monochromacy



Original Color

190.7090, 31.6955, 7.2712

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.9970, 11.3405, 2.6336

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.7090, 31.6955, 7.2712 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(199, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 174, 255)  
}
```

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(199, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 174, 255) }
```

Border

The CSS property to change the border of an element to YUV 190.7090, 31.6955, 7.2712 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(199, 174, 255) }
```


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

```
.border{ border-color:rgb(199, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 174,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 190.7090, 31.6955, 7.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 174, 255) }
```

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

```
.background{ background-color: rgb(199,  
174, 255) }
```

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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