

Converting Colors

YUV(98.0780, -28.1395,
65.7066)

Have a look what the booklet for
YUV(98.0780, -28.1395, 65.7066)
contains.

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Color

**YUV(98.0780, -28.1395,
65.7066)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4729
RGB	173, 71, 41
RGB Percent	68%, 28%, 16%
CMY	0.3216, 0.7216, 0.8392
CMYK	0.00, 0.59, 0.76, 0.32
HSL	14°, 62%, 42%
HSV	14°, 76%, 68%
XYZ	19.8871, 13.5508, 3.6652
YIQ	98.0780, 70.4220, 12.2940

Conversions

Conversions Part 2

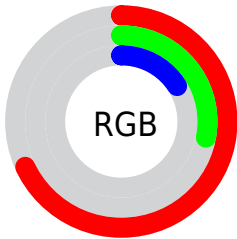
Format	Color
RYB	173, 80, 41
Decimal	11355945
CIELab	43.58, 40.02, 38.15
CIElCh	44, 55.288, 43.632
Yxy	13.5508, 0.5360, 0.3652
Android (android.graphics.Color)	4289546025 (0xFFAD4729)
YUV	98.0780, -28.1395, 65.7066
Hunter-Lab	36.8114, 32.0131, 19.8646

Details

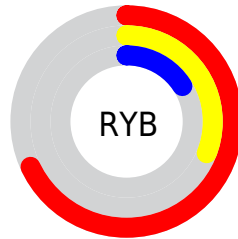
The YUV color **98.0780, -28.1395, 65.7066** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **115.9220, 28.1395, -65.7066**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1990, -31.6501, 71.7395**, and **44.0650, -21.7240, 61.3330** is the 20% darker color. If you saturate the color by 10%, you get **88.5090, -31.8029, 74.0986**, and if you desaturate by 10%, it is **107.6470, -24.4760, 57.3146**.

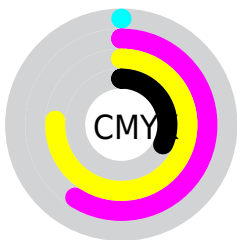
Distribution



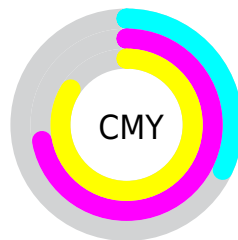
- Red (68%)
- Green (28%)
- Blue (16%)



- Red (68%)
- Yellow (31%)
- Blue (16%)



- Cyan (0%)
- Magenta (59%)
- Yellow (76%)
- Black (32%)





- Cyan (32%)
- Magenta (72%)
- Yellow (84%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.0780, -28.1395, 65.7066 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 98.0780, -28.1395, 65.7066 by changing the saturation by 10% instead.


 98.0780, -28.1395,
65.7066

 98.0780, -28.1395,
65.7066


255.0000, 0.0000,
0.0000


 71.2240, -26.2394,
62.9476


 152.1990,
-31.6501, 71.7395


 44.0650, -21.7240,
61.3330


 176.5900,
-31.3499, 68.7656


 25.4150, -12.5296,
52.2560

 195.9900,
-28.0961, 51.7518

 17.0430, -8.4022,
35.0423

 215.3900,
-24.8423, 34.7380

 7.5890, -3.2484,
15.2694

 235.6050,
-21.0043, 17.0094

 0.0000, 0.0000,
0.0000

 251.1240,

-14.8511, 3.3993

254.3160, -2.6208,
0.5999

■ 98.0780, -28.1395,
65.7066

■ 98.0780, -28.1395,
65.7066

■ 88.5090, -31.8029,
74.0986

■ 107.6470,
-24.4760, 57.3146

■ 78.2390, -35.6138,
83.1054

■ 117.9170,
-20.6651, 48.3078

■ 74.6200, -36.7877,
86.2793

■ 127.4860,
-17.0016, 39.9158

■ 137.0550,
-13.3381, 31.5238

■ 147.3250, -9.5272,
22.5170

■ 156.8940, -5.8637,
14.1250

■ 167.0500, -2.4896,
5.2182

■ 176.6190, 1.1738,
-3.1739

■ 186.3020, 5.2741,
-11.6659

Harmonies

Analogous

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



96.8770, -6.3484, 76.4069



98.0780, -28.1395, 65.7066



97.3590, -47.9980, 41.7812

Triad

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



98.0780, -28.1395, 65.7066



80.1640, -2.5459, -70.3038



91.4550, 50.0617, -50.3880

Complementary

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



98.0780, -28.1395, 65.7066



115.9220, 28.1395, -65.7066

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.



89.2790, 50.1485, -78.2977



98.0780, -28.1395, 65.7066



86.8100, 17.8417, -76.1324

Square

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



98.0780, -28.1395, 65.7066



87.2340, -28.7094, -31.7772



90.5380, 37.2028, -79.4018



106.0960, 31.5047, 21.8408

Rectangle

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



98.0780, -28.1395, 65.7066



96.0420, -47.3487, 20.1342



90.5380, 37.2028, -79.4018



85.0390, 54.2108, -74.5792

Sweetspot

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



98.0780, -28.1395, 65.7066



195.2930, -10.9904, 25.1760



92.2100, 25.5325, 70.8528



94.3780, -6.5954, 15.4545



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



98.0780, -28.1395, 65.7066



107.1830, -43.9672, 102.4485



136.2330, -46.9499, 32.2447



81.8650, -1.9054, 4.5034



64.8080, -31.9503, 74.7134



9.8120, -4.8373, 11.5659

Inverse Universe

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



115.9220, 28.1395, -65.7066



134.8170, 43.9672, -102.4485



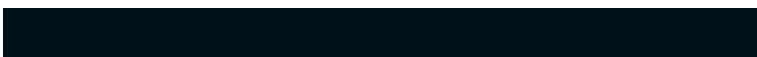
77.7670, 46.9499, -32.2447



83.1350, 1.9054, -4.5034



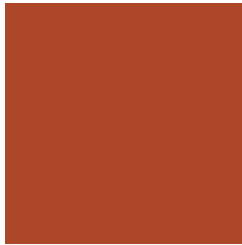
85.1920, 31.9503, -74.7134



13.1880, 4.8373, -11.5659

Previews

White Background



This preview shows how the YUV color 98.0780, -28.1395, 65.7066 looks on a white 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

Black Background



This preview shows how the YUV color 98.0780, -28.1395, 65.7066 looks on a black 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

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

YUV 98.0780, -28.1395, 65.7066

Background



This preview shows how black text looks on a background with the YUV color 98.0780, -28.1395, 65.7066.



This preview shows how white text looks on a background with the YUV color 98.0780, -28.1395,

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

98.0780, -28.1395, 65.7066

Protanopia

101.2470, -24.7718, 12.0614

Deuteranopia

100.2720, -32.6721, 26.0715



Tritanopia

99.5630, -13.5886, 65.2812

Trichromacy



Original Color

98.0780, -28.1395, 65.7066

Protanomaly

100.0260, -26.1418, 31.5492

Deuteranomaly

99.5280, -30.8263, 40.7559

Tritanomaly

98.8960, -18.6827, 65.8662

Monochromacy



Original Color

98.0780, -28.1395, 65.7066

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8090, -10.2588, 23.8465

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0780, -28.1395, 65.7066 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(173, 71, 41)` looks like.

```
.text, #text, p{  
    color:rgb(173, 71, 41)  
}
```

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(173, 71, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 71, 41) }
```

Border

The CSS property to change the border of an element to YUV 98.0780, -28.1395, 65.7066 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(173, 71, 41) }
```


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

```
.border{ border-color:rgb(173, 71, 41) }
```

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

Here you see how a box with a 4 pixel rgb(173, 71, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 71, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 71, 41);  
box-shadow:4px 4px 4px 4px rgb(173, 71,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 98.0780, -28.1395, 65.7066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 71, 41) }
```

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

```
.background{ background-color: rgb(173, 71,  
41) }
```

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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