

Converting Colors

YUV(228.7740, 12.9294, 6.3372)

Have a look what the booklet for
YUV(228.7740, 12.9294, 6.3372)
contains.

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Color

**YUV(228.7740, 12.9294,
6.3372)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDCFF
RGB	236, 220, 255
RGB Percent	93%, 86%, 100%
CMY	0.0745, 0.1373, 0.0000
CMYK	0.07, 0.14, 0.00, 0.00
HSL	267°, 100%, 93%
HSV	267°, 14%, 100%
XYZ	78.2353, 76.2393, 105.1999
YIQ	228.7740, -1.6990, 14.2770

Conversions

Conversions Part 2

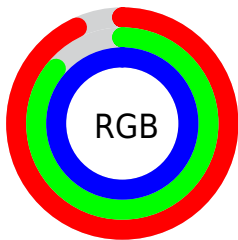
Format	Color
R _Y B	236, 220, 255
Decimal	15523071
CIE Lab	89.97, 11.82, -15.01
CIE LCh	90, 19.106, 308.216
Yxy	76.2393, 0.3013, 0.2936
Android (android.graphics.Color)	4293713151 (0xFFE0C0FF)
YUV	228.7740, 12.9294, 6.3372
Hunter-Lab	87.3151, 7.1365, -10.3139

Details

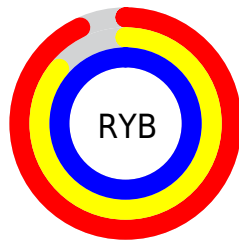
The YUV color $228.7740, 12.9294, 6.3372$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $246.2260, -12.9294, -6.3372$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.2470, 12.2032, 5.9224$ is the 20% darker color. If you saturate the color by 10%, you get $209.9130, 22.2279, 10.6003$, and if you desaturate by 10%, it is $248.2220, 3.3416, 1.5593$.

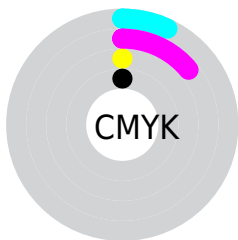
Distribution



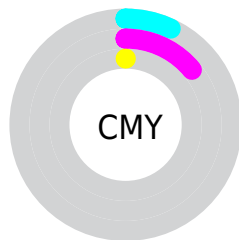
- Red (93%)
- Green (86%)
- Blue (100%)



- Red (93%)
- Yellow (86%)
- Blue (100%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.7740, 12.9294, 6.3372 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 228.7740, 12.9294, 6.3372 by changing the saturation by 10% instead.

228.7740, 12.9294,
6.3372

228.7740, 12.9294,
6.3372

255.0000, 0.0000,
0.0000

200.6600, 12.4926,
6.4372

173.2470, 12.2032,
5.9224

146.8340, 11.9138,
5.4076

120.7200, 11.4770,
5.5076

96.3070, 11.1876,
4.9928

72.1930, 10.7509,
5.0927

49.6660, 10.0247,

4.6779

■ 28.2530, 9.7353,
4.1631

■ 6.9650, 9.8773,
5.2927

■ 228.7740, 12.9294,
6.3372

■ 228.7740, 12.9294,
6.3372

■ 209.9130, 22.2279,
10.6003

■ 248.2220, 3.3416,
1.5593

■ 190.4650, 31.8158,
15.3782

255.0000, 0.0000,
0.0000

■ 171.6040, 41.1142,
19.6413

■ 152.4550, 50.5547,
25.0340

■ 133.5940, 59.8532,
29.2971

■ 114.1460, 69.4410,
34.0750

■ 95.2850, 78.7395,
38.3381

■ 75.8370, 88.3274,
43.1160

■ 64.0530, 94.1369,
46.4345

Harmonies

Analogous

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



225.4190, 14.5834, -10.8915



228.7740, 12.9294, 6.3372



229.8100, 5.0237, 22.0916

Triad

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



228.7740, 12.9294, 6.3372



227.3760, -16.9474, 22.4722



219.5720, 5.6340, -33.8276

Complementary

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



228.7740, 12.9294, 6.3372



246.2260, -12.9294, -6.3372

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.



221.0050, -4.4395, -22.8064



228.7740, 12.9294, 6.3372



225.4730, -17.4882, 9.2322

Square

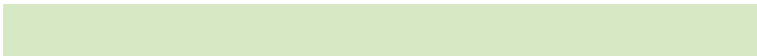
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.7740, 12.9294, 6.3372



226.2930, -10.9904, 25.1760



222.9270, -12.7820, -6.9520



220.3250, 13.6438, -36.2420

Rectangle

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



228.7740, 12.9294, 6.3372



227.8550, 0.0715, 23.8062



222.9270, -12.7820, -6.9520



219.9700, 1.9868, -30.6687

Sweetspot

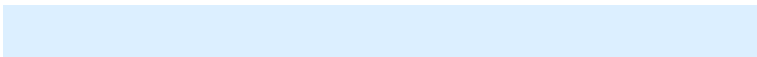
The Sweet Spot groups the original color and five complimentary colors.



228.7740, 12.9294, 6.3372



247.3360, 3.7784, 1.4593



235.1430, 9.7895, -13.2804



122.6950, 2.6154, 1.1445



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.



228.7740, 12.9294, 6.3372



224.3550, 15.1080, 7.5817



233.8570, 10.4235, 16.7884



118.2760, 4.7939, 2.3889



47.7870, 70.6040, 34.3898



15.9670, 23.6803, 11.4299

Inverse Universe

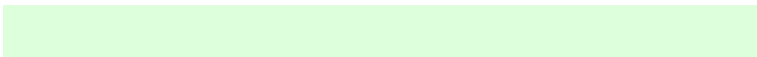
The Inverse Universe completely reimagines the original color for something new.



232.6310, 3.1399, 19.6176



228.7670, 3.5659, 23.0063



241.1430, -10.4235, -16.7884



119.6850, 1.1413, 7.2923



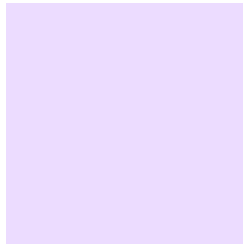
68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 228.7740, 12.9294, 6.3372 looks on a white background.

Color Contrast Check

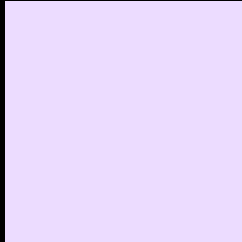
Large Text (above 18pt) WCAG AA × Fail

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 228.7740, 12.9294, 6.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

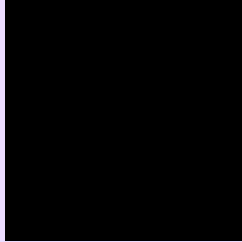
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.7740, 12.9294, 6.3372

Background



This preview shows how black text looks on a background with the YUV color 228.7740, 12.9294, 6.3372.



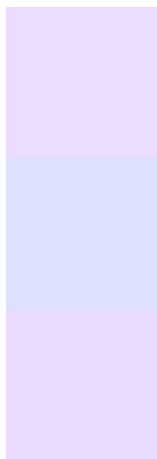
This preview shows how white text looks on a background with the YUV color 228.7740, 12.9294, 6.3372.

6.3372.

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

228.7740, 12.9294, 6.3372

Protanopia

227.2240, 13.6936, -5.4584

Deuteranopia

228.4750, 13.0768, 5.7224



Tritanopia

228.2270, 5.8041, 5.0629

Trichromacy



Original Color

228.7740, 12.9294, 6.3372

Protanomaly

227.5450, 13.5353, -1.3550

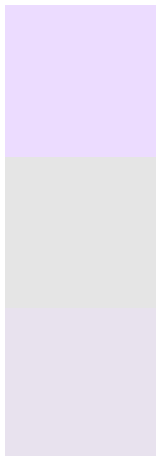
Deuteranomaly

228.4750, 13.0768, 5.7224

Tritanomaly

228.5090, 8.1301, 5.6926

Monochromacy



Original Color

228.7740, 12.9294, 6.3372

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.1620, 4.3571, 2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.7740, 12.9294, 6.3372 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(236, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 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(236, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 255) }
```

Border

The CSS property to change the border of an element to YUV 228.7740, 12.9294, 6.3372 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(236, 220, 255) }
```


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

```
.border{ border-color:rgb(236, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 220,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 228.7740, 12.9294, 6.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 220, 255) }
```

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

```
.background{ background-color: rgb(236,  
220, 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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