

Converting Colors

YUV(228.1320, 13.2459,
-1.8698)

Have a look what the booklet for
YUV(228.1320, 13.2459, -1.8698)
contains.

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Color

**YUV(228.1320, 13.2459,
-1.8698)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E0FF
RGB	226, 224, 255
RGB Percent	89%, 88%, 100%
CMY	0.1137, 0.1216, 0.0000
CMYK	0.11, 0.12, 0.00, 0.00
HSL	244°, 100%, 94%
HSV	244°, 12%, 100%
XYZ	76.0697, 76.7001, 105.4030
YIQ	228.1320, -8.7590, 10.0650

Conversions

Conversions Part 2

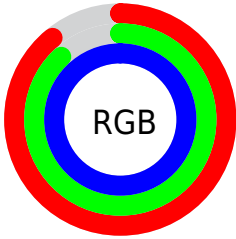
Format	Color
R _Y B	226, 224, 255
Decimal	14868735
CIE Lab	90.18, 6.54, -14.77
CIE LCh	90, 16.153, 293.872
Yxy	76.7001, 0.2946, 0.2971
Android (android.graphics.Color)	4293058815 (0xFFE2E0FF)
YUV	228.1320, 13.2459, -1.8698
Hunter-Lab	87.5786, 1.7804, -10.0520

Details

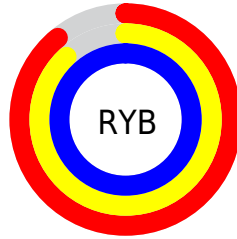
The YUV color $228.1320, 13.2459, -1.8698$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $250.8680, -13.2459, 1.8698$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.9040, 12.3723, -1.6698$ is the 20% darker color. If you saturate the color by 10%, you get $206.2810, 24.0185, -3.7544$, and if you desaturate by 10%, it is $250.5700, 2.1840, -0.4999$.

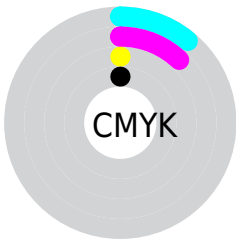
Distribution



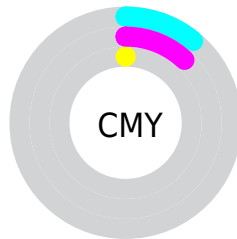
- Red (89%)
- Green (88%)
- Blue (100%)



- Red (89%)
- Yellow (88%)
- Blue (100%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.1320, 13.2459, -1.8698 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 228.1320, 13.2459, -1.8698 by changing the saturation by 10% instead.

■ 228.1320, 13.2459,
-1.8698

■ 228.1320, 13.2459,
-1.8698

255.0000, 0.0000,
0.0000

■ 200.0180, 12.8091,
-1.7698

■ 172.9040, 12.3723,
-1.6698

■ 145.9040, 12.3723,
-1.6698

■ 120.3770, 11.6461,
-2.0846

■ 95.3770, 11.6461,
-2.0846

■ 71.8500, 10.9200,
-2.4994

■ 49.6220, 10.0464,

-2.2995

■ 28.2090, 9.7570,
-2.8143

■ 3.3770, 11.6461,
-2.0846

■ 228.1320, 13.2459,
-1.8698

■ 228.1320, 13.2459,
-1.8698

■ 206.2810, 24.0185,
-3.7544

■ 250.5700, 2.1840,
-0.4999

■ 183.8430, 35.0804,
-5.1243

255.0000, 0.0000,
0.0000

■ 161.4050, 46.1423,
-6.4942

■ 139.8530, 56.7675,
-7.7641

■ 118.0020, 67.5400,
-9.6488

■ 95.5640, 78.6019,
-11.0186

■ 73.7130, 89.3745,
-12.9033

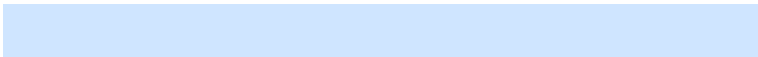
■ 51.2750, 100.4364,
-14.2732

■ 33.8540, 109.0250,
-15.6580

Harmonies

Analogous

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



225.3860, 14.5997, -16.1245



228.1320, 13.2459, -1.8698



229.4390, 7.6716, 12.7700

Triad

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



228.1320, 13.2459, -1.8698



228.4130, -13.0216, 23.3168



221.9600, 0.5127, -24.5209

Complementary

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



228.1320, 13.2459, -1.8698



250.8680, -13.2459, 1.8698

Split Complementary

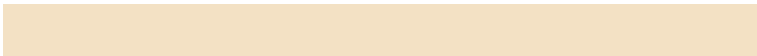
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.2620, -7.5242, -13.3848



228.1320, 13.2459, -1.8698



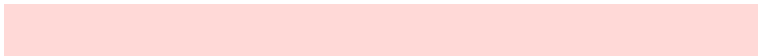
227.0760, -15.3205, 13.9653

Square

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



228.1320, 13.2459, -1.8698



228.1340, -6.4751, 23.5615



225.2700, -12.9511, 0.6402



221.6910, 8.5333, -30.4240

Rectangle

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



228.1320, 13.2459, -1.8698



229.9300, 2.9925, 20.2324



225.2700, -12.9511, 0.6402



221.9990, -1.9715, -21.0471

Sweetspot

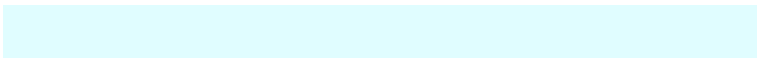
The Sweet Spot groups the original color and five complimentary colors.



228.1320, 13.2459, -1.8698



246.1400, 4.3680, -0.9998



244.5570, 5.1484, -18.0285



122.0970, 2.9102, -0.0851



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.



228.1320, 13.2459, -1.8698



221.9300, 16.3035, -2.5696



232.6170, 11.0348, 7.3519



116.7810, 5.5310, -0.6849



25.3620, 81.6595, -11.7185



8.4920, 27.3654, -3.9395

Inverse Universe

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



236.5750, 8.0975, 16.1587



232.4660, 10.1233, 19.7623



246.3830, -11.0348, -7.3519



120.2550, 3.3253, 6.7924



77.5150, 50.0321, 99.5263



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 228.1320, 13.2459, -1.8698 looks on a white background.

Color Contrast Check

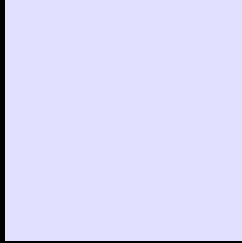
Large Text (above 18pt) WCAG AA × Fail

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 228.1320, 13.2459, -1.8698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

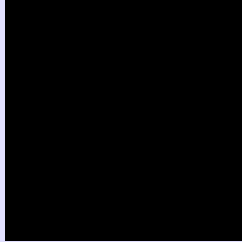
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.1320, 13.2459, -1.8698

Background



This preview shows how black text looks on a background with the YUV color 228.1320, 13.2459, -1.8698.



This preview shows how white text looks on a background with the YUV color 228.1320, 13.2459, -1.8698.

-1.8698.

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

228.1320, 13.2459, -1.8698

Protanopia

227.5230, 13.5462, -4.8437

Deuteranopia

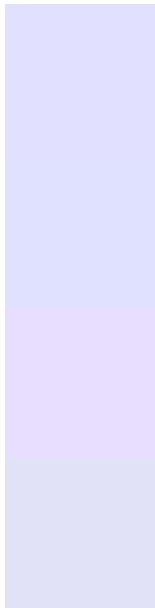
229.0620, 12.7874, 5.2076



Tritanopia

227.4540, 8.1572, -3.0292

Trichromacy



Original Color

228.1320, 13.2459, -1.8698

Protanomaly

227.8220, 13.3988, -4.2289

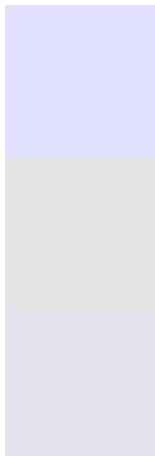
Deuteranomaly

228.7520, 12.9403, 2.8485

Tritanomaly

227.6220, 10.0464, -2.2995

Monochromacy



Original Color

228.1320, 13.2459, -1.8698

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2540, 4.8048, -1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.1320, 13.2459, -1.8698 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(226, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 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(226, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 255) }
```

Border

The CSS property to change the border of an element to YUV 228.1320, 13.2459, -1.8698 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(226, 224, 255) }
```


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

```
.border{ border-color:rgb(226, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 224,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 228.1320, 13.2459, -1.8698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 255) }
```

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

```
.background{ background-color: rgb(226,  
224, 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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