

Converting Colors

YUV(228.0290, 12.8037,
-0.0254)

Have a look what the booklet for
YUV(228.0290, 12.8037, -0.0254)
contains.

YUV(228.0290, 12.8037, -0.0254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(228.0290, 12.8037,
-0.0254)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DFFE
RGB	228, 223, 254
RGB Percent	89%, 87%, 100%
CMY	0.1059, 0.1255, 0.0039
CMYK	0.10, 0.12, 0.00, 0.00
HSL	250°, 94%, 94%
HSV	250°, 12%, 100%
XYZ	76.2720, 76.4251, 104.4975
YIQ	228.0290, -6.9710, 10.7010

Conversions

Conversions Part 2

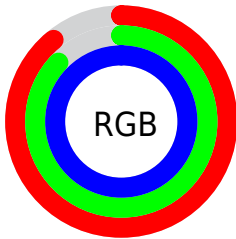
Format	Color
R _Y B	228, 223, 254
Decimal	14999550
CIE Lab	90.06, 7.50, -14.42
CIE LCh	90, 16.254, 297.463
Yxy	76.4251, 0.2966, 0.2971
Android (android.graphics.Color)	4293189630 (0xFFE4DFFE)
YUV	228.0290, 12.8037, -0.0254
Hunter-Lab	87.4214, 2.7471, -9.6761

Details

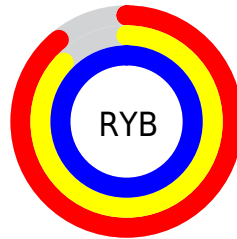
The YUV color $228.0290, 12.8037, -0.0254$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $248.9710, -12.8037, 0.0254$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.5020, 12.0775, -0.4403$ is the 20% darker color. If you saturate the color by 10%, you get $207.0750, 23.1340, -0.0658$, and if you desaturate by 10%, it is $248.9830, 2.4734, 0.0149$.

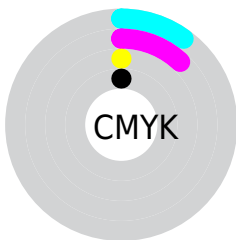
Distribution



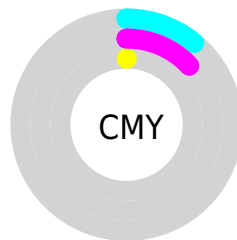
- Red (89%)
- Green (87%)
- Blue (100%)



- Red (89%)
- Yellow (87%)
- Blue (100%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.0290, 12.8037, -0.0254 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 228.0290, 12.8037, -0.0254 by changing the saturation by 10% instead.

■ 228.0290, 12.8037,
-0.0254

■ 228.0290, 12.8037,
-0.0254

255.0000, 0.0000,
0.0000

■ 199.9150, 12.3669,
0.0745

■ 172.5020, 12.0775,
-0.4403

■ 145.8010, 11.9301,
0.1745

■ 120.3880, 11.6407,
-0.3403

■ 95.2740, 11.2039,
-0.2403

■ 71.7470, 10.4777,
-0.6551

■ 49.2200, 9.7515,

-1.0699

■ 28.1060, 9.3147,
-0.9700

■ 3.9750, 11.3513,
-0.8551

■ 228.0290, 12.8037,
-0.0254

■ 228.0290, 12.8037,
-0.0254

■ 207.0750, 23.1340,
-0.0658

■ 248.9830, 2.4734,
0.0149

■ 185.2350, 33.9011,
-0.2061

254.8860, -0.4368,
0.1000

■ 164.2810, 44.2315,
-0.2464

■ 142.7400, 54.8512,
0.2280

■ 121.4870, 65.3289,
-0.4271

■ 100.5330, 75.6592,
-0.4674

■ 78.9920, 86.2789,
0.0070

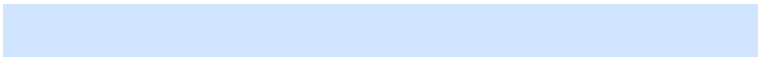
■ 58.0380, 96.6093,
-0.0333

■ 41.2150, 104.9030,
-0.1886

Harmonies

Analogous

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



225.0980, 14.7417, -14.9949



228.0290, 12.8037, -0.0254



229.2220, 6.7926, 14.7143

Triad

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



228.0290, 12.8037, -0.0254



228.0000, -13.3110, 22.8020



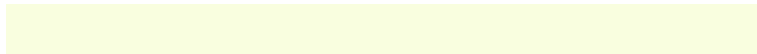
221.5900, 1.6811, -25.9504

Complementary

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



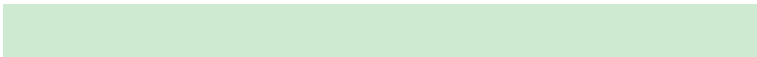
228.0290, 12.8037, -0.0254



248.9710, -12.8037, 0.0254

Split Complementary

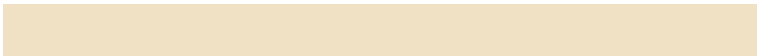
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.7780, -6.7926, -14.7143



228.0290, 12.8037, -0.0254



226.4780, -15.0257, 12.7358

Square

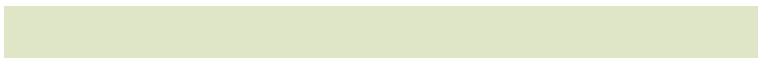
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.0290, 12.8037, -0.0254



227.9060, -7.3487, 23.7614



224.3730, -12.5089, -1.2041



221.2180, 9.2595, -30.0092

Rectangle

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



228.0290, 12.8037, -0.0254



230.0010, 1.9715, 21.0471



224.3730, -12.5089, -1.2041



221.5150, -1.2399, -22.3767

Sweetspot

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



228.0290, 12.8037, -0.0254



246.4390, 4.2206, -0.3850



241.7960, 6.0166, -16.4841



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.



228.0290, 12.8037, -0.0254



223.1260, 15.7139, -0.1105



232.5140, 10.5926, 9.1962



117.0800, 5.3836, -0.0702



31.0430, 78.8588, -0.0377



10.2860, 26.4810, -0.2508

Inverse Universe

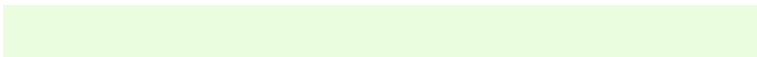
The Inverse Universe completely reimagines the original color for something new.



235.2330, 6.7871, 16.4587



232.0100, 8.3761, 20.1622



244.4860, -10.5926, -9.1962



120.0270, 2.4517, 6.9923



75.3490, 41.7329, 101.4259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 228.0290, 12.8037, -0.0254 looks on a white background.

Color Contrast Check

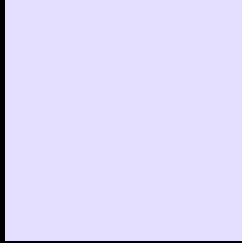
Large Text (above 18pt) WCAG AA × Fail

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 228.0290, 12.8037, -0.0254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

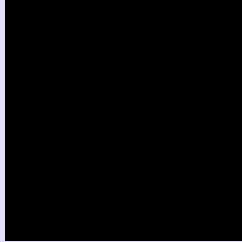
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.0290, 12.8037, -0.0254

Background



This preview shows how black text looks on a background with the YUV color 228.0290, 12.8037, -0.0254.



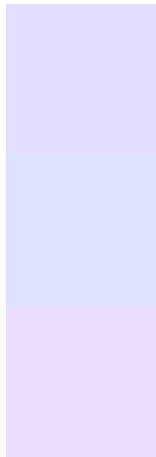
This preview shows how white text looks on a background with the YUV color 228.0290, 12.8037, -0.0254.

-0.0254.

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

228.0290, 12.8037, -0.0254

Protanopia

227.5230, 13.5462, -4.8437

Deuteranopia

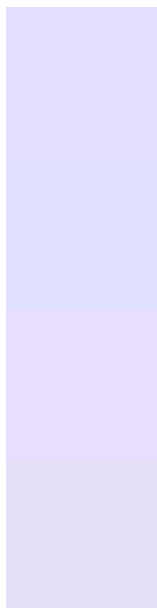
228.9480, 12.3506, 5.3076



Tritanopia

227.3510, 7.7150, -1.1848

Trichromacy



Original Color

228.0290, 12.8037, -0.0254

Protanomaly

227.5340, 13.5407, -3.0993

Deuteranomaly

228.6380, 12.5035, 2.9485

Tritanomaly

227.5190, 9.6041, -0.4552

Monochromacy



Original Color

228.0290, 12.8037, -0.0254

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.0290, 12.8037, -0.0254 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(228, 223, 254)` looks like.

```
.text, #text, p{  
    color:rgb(228, 223, 254)  
}
```

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(228, 223, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 223, 254) }
```

Border

The CSS property to change the border of an element to YUV 228.0290, 12.8037, -0.0254 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(228, 223, 254) }
```


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

```
.border{ border-color:rgb(228, 223, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 223, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 223, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 223, 254);  
box-shadow:4px 4px 4px 4px rgb(228, 223,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 228.0290, 12.8037, -0.0254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 223, 254) }
```

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

```
.background{ background-color: rgb(228,  
223, 254) }
```

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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