

Converting Colors

YUV(250.2980, -15.4299,
2.3697)

Have a look what the booklet for
YUV(250.2980, -15.4299, 2.3697)
contains.

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Color

**YUV(250.2980, -15.4299,
2.3697)**

Conversions

Conversions Part 1

Format	Color
Hex	FDFFD8
RGB	253, 255, 219
RGB Percent	99%, 100%, 86%
CMY	0.0078, 0.0000, 0.1412
CMYK	0.01, 0.00, 0.14, 0.00
HSL	63°, 100%, 93%
HSV	63°, 14%, 100%
XYZ	89.0542, 97.5171, 81.1469
YIQ	250.2980, 10.3640, -11.6200

Conversions

Conversions Part 2

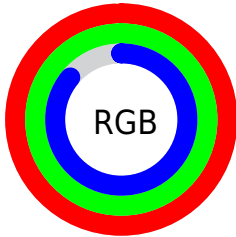
Format	Color
R _Y B	219, 255, 221
Decimal	16646107
CIE Lab	99.03, -6.56, 17.00
CIE LCh	99, 18.225, 111.112
Yxy	97.5171, 0.3326, 0.3643
Android (android.graphics.Color)	4294836187 (0xFFFDFFDB)
YUV	250.2980, -15.4299, 2.3697
Hunter-Lab	98.7508, -11.8411, 20.4049

Details

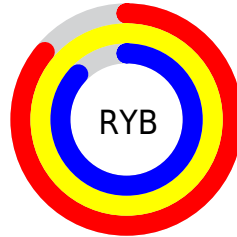
The YUV color $250.2980, -15.4299, 2.3697$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $223.7020, 15.4299, -2.3697$, and the grayscale version is $250.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $193.5260, -14.5563, 2.1697$ is the 20% darker color. If you saturate the color by 10%, you get $247.1490, -26.2025, 4.2543$, and if you desaturate by 10%, it is $253.4470, -4.6574, 0.4850$.

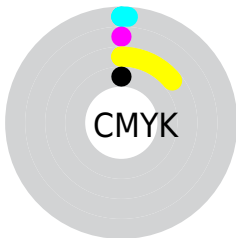
Distribution



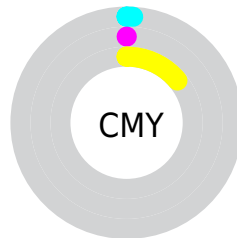
- Red (99%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (87%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 250.2980, -15.4299, 2.3697 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 250.2980, -15.4299, 2.3697 by changing the saturation by 10% instead.

250.2980,
-15.4299, 2.3697

250.2980,
-15.4299, 2.3697

255.0000, 0.0000,
0.0000

221.4120,
-14.9931, 2.2697

193.5260,
-14.5563, 2.1697

166.6400,
-14.1195, 2.0697

140.3410,
-13.9721, 1.4549

114.5690,
-13.0985, 1.2550

89.9820, -12.8091,
1.7698

66.7970, -12.2249,

1.0550

■ 44.0250, -11.3513,
0.8551

■ 23.6230, -11.6461,
2.0846

■ 250.2980,
-15.4299, 2.3697

■ 250.2980,
-15.4299, 2.3697

■ 247.1490,
-26.2025, 4.2543

■ 253.4470, -4.6574,
0.4850

■ 243.5870,
-37.2644, 5.6242

255.0000, 0.0000,
0.0000

■ 240.4380,
-48.0369, 7.5089

■ 236.8760,
-59.0989, 8.8787

■ 233.6130,
-70.3082, 10.8634

■ 230.4640,
-81.0808, 12.7481

■ 226.9020,
-92.1427, 14.1179

■ 223.7530,
-102.9152, 16.0026

■ 221.7440,
-109.3198, 16.8875

Harmonies

Analogous

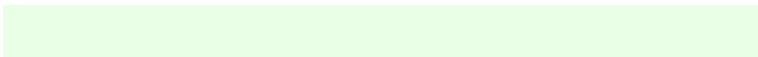
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.1460, -14.8620, 6.8880



250.2980, -15.4299, 2.3697



245.5720, -7.6770, -11.0256

Triad

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



250.2980, -15.4299, 2.3697



241.8440, 6.4859, -27.0502



246.7820, 4.0515, 7.2072

Complementary

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



250.2980, -15.4299, 2.3697



223.7020, 15.4299, -2.3697

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.



248.5430, 3.1833, 5.6628



250.2980, -15.4299, 2.3697



246.6280, 4.1274, -17.2138

Square

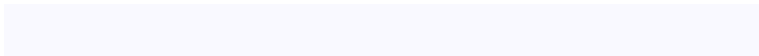
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



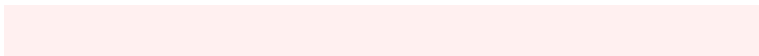
250.2980, -15.4299, 2.3697



240.6480, 7.0755, -29.5093



249.6840, 2.6208, -0.5999



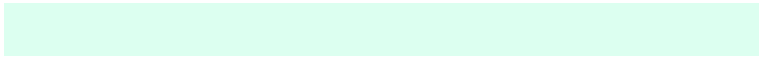
244.4850, -2.2111, 9.2217

Rectangle

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



250.2980, -15.4299, 2.3697



242.8250, -1.3927, -20.0175



249.6840, 2.6208, -0.5999



246.7820, 4.0515, 7.2072

Sweetspot

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



250.2980, -15.4299, 2.3697



253.5610, -4.2206, 0.3850



230.9380, -5.8854, 21.1024



126.9030, -2.9102, 0.0851



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

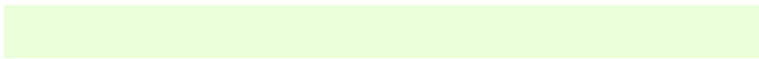
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250.2980, -15.4299, 2.3697



249.5000, -18.4875, 3.0695



244.9160, -12.7766, -8.6963



126.2190, -5.5310, 0.6849



166.2360, -81.9543, 12.9480



55.5080, -27.3654, 3.9395

Inverse Universe

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



223.7020, 15.4299, -2.3697



217.5000, 18.4875, -3.0695



229.0840, 12.7766, 8.6963



116.4820, 5.6784, -1.2997



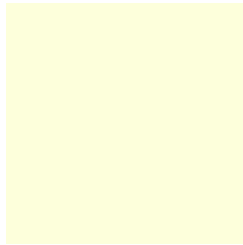
25.0630, 81.8069, -12.3333



8.4920, 27.3654, -3.9395

Previews

White Background



This preview shows how the YUV color 250.2980, -15.4299, 2.3697 looks on a white background.

Color Contrast Check

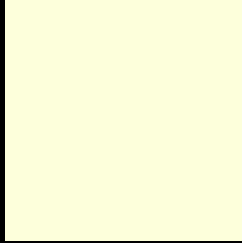
Large Text (above 18pt) WCAG AA × Fail

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 250.2980, -15.4299, 2.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

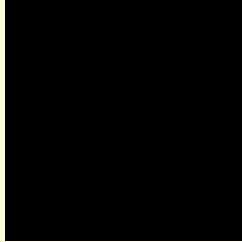
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 250.2980, -15.4299, 2.3697

Background



This preview shows how black text looks on a background with the YUV color 250.2980, -15.4299, 2.3697.



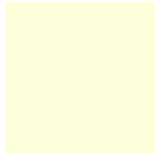
This preview shows how white text looks on a background with the YUV color 250.2980, -15.4299, 2.3697.

2.3697.

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

250.2980, -15.4299, 2.3697



Protanopia

252.0990, -3.4998, 2.5442

Deuteranopia

252.6690, -1.3158, 2.0443

Tritanopia

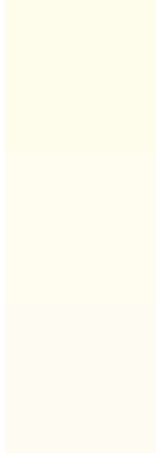
252.3530, 1.3050, 1.4444

Trichromacy



Original Color

250.2980, -15.4299, 2.3697



Protanomaly

251.3610, -7.5730, 2.3144

Deuteranomaly

251.7030, -6.2626, 2.0145

Tritanomaly

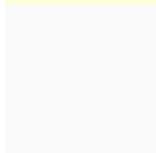
251.4580, -4.6628, 2.2293

Monochromacy



Original Color

250.2980, -15.4299, 2.3697



Achromatopsia

250.0000, 0.0000, 0.0000



Achromatomaly

250.2190, -5.5310, 0.6849

CSS Examples

Text

The CSS property to change the color of the text to YUV 250.2980, -15.4299, 2.3697 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(253, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 219)  
}
```

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(253, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 219) }
```

Border

The CSS property to change the border of an element to YUV 250.2980, -15.4299, 2.3697 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(253, 255, 219) }
```


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

```
.border{ border-color:rgb(253, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 250.2980, -15.4299, 2.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 219) }
```

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

```
.background{ background-color: rgb(253,  
255, 219) }
```

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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