

Converting Colors

YUV(250.2920, -12.9620,
4.1289)

Have a look what the booklet for
YUV(250.2920, -12.9620, 4.1289)
contains.

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Color

**YUV(250.2920, -12.9620,
4.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDE0
RGB	255, 253, 224
RGB Percent	100%, 99%, 88%
CMY	0.0000, 0.0078, 0.1216
CMYK	0.00, 0.01, 0.12, 0.00
HSL	56°, 100%, 94%
HSV	56°, 12%, 100%
XYZ	89.8198, 96.8924, 84.4891
YIQ	250.2920, 10.5010, -8.5950

Conversions

Conversions Part 2

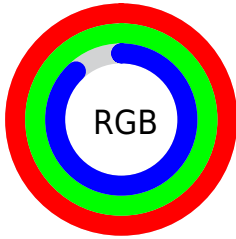
Format	Color
R_{YB}	226, 255, 224
Decimal	16776672
CIE Lab	98.79, -4.11, 14.12
CIE LCh	99, 14.706, 106.210
Yxy	96.8924, 0.3312, 0.3573
Android (android.graphics.Color)	4294966752 (0xFFFFFDE0)
YUV	250.2920, -12.9620, 4.1289
Hunter-Lab	98.4339, -9.3802, 18.0132

Details

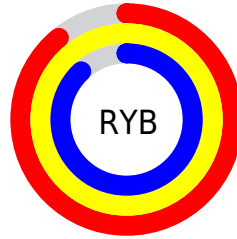
The YUV color $250.2920, -12.9620, 4.1289$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $228.7080, 12.9620, -4.1289$, and the grayscale version is $250.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $193.5200, -12.0884, 3.9290$ is the 20% darker color. If you saturate the color by 10%, you get $246.2680, -23.3031, 7.6580$, and if you desaturate by 10%, it is $254.4300, -2.1840, 0.4999$.

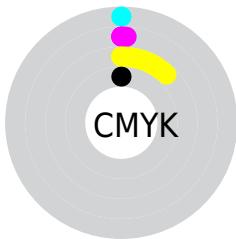
Distribution



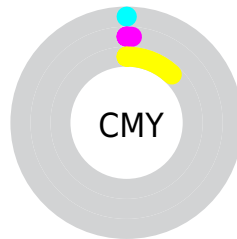
- Red (100%)
- Green (99%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 250.2920, -12.9620, 4.1289 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 250.2920, -12.9620, 4.1289 by changing the saturation by 10% instead.


 250.2920,
-12.9620, 4.1289


 250.2920,
-12.9620, 4.1289


255.0000, 0.0000,
0.0000


 221.4060,
-12.5252, 4.0289

 193.5200,
-12.0884, 3.9290

 166.5200,
-12.0884, 3.9290

 140.3350,
-11.5042, 3.2142

 114.4490,
-11.0674, 3.1142

 90.4490, -11.0674,
3.1142

 66.6770, -10.1938,

2.9143

■ 44.4920, -9.6096,
2.1995

■ 23.6340, -11.6516,
3.8290

■ 250.2920,
-12.9620, 4.1289

■ 250.2920,
-12.9620, 4.1289

■ 246.2680,
-23.3031, 7.6580

■ 254.4300, -2.1840,
0.4999

■ 242.7170,
-34.3705, 10.7722

255.0000, 0.0000,
0.0000

■ 238.5790,
-45.1484, 14.4012

■ 234.5550,
-55.4896, 17.9303

■ 231.1180,
-66.1202, 20.9445

■ 226.9800,
-76.8981, 24.5735

■ 222.9560,
-87.2393, 28.1026

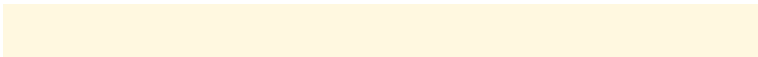
■ 219.4050,
-98.3067, 31.2168

■ 216.5380,
-106.7532, 33.7312

Harmonies

Analogous

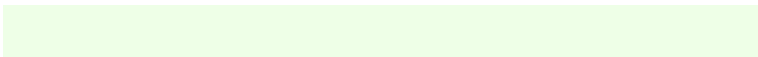
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.3570, -11.5150, 6.7029



250.2920, -12.9620, 4.1289



247.1810, -7.9772, -8.0517

Triad

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



250.2920, -12.9620, 4.1289



243.9370, 5.4541, -22.7467



247.3690, 3.7621, 6.6924

Complementary

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



250.2920, -12.9620, 4.1289



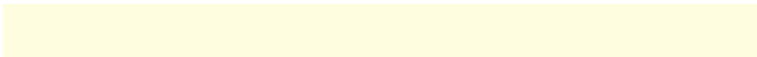
228.7080, 12.9620, -4.1289

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.



249.7170, 2.6045, 4.6332



250.2920, -12.9620, 4.1289



247.2260, 3.8326, -15.9842

Square

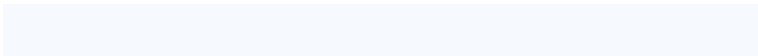
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



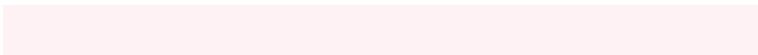
250.2920, -12.9620, 4.1289



243.3390, 5.7489, -23.9763



249.3740, 2.7736, -2.9590



246.1150, -1.0427, 7.7921

Rectangle

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



250.2920, -12.9620, 4.1289



245.2170, -2.5720, -15.0993



249.3740, 2.7736, -2.9590



247.9560, 3.4727, 6.1776

Sweetspot

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



250.2920, -12.9620, 4.1289



253.2730, -4.0786, 1.5146



233.4970, -3.6960, 18.8581



126.6150, -2.7682, 1.2146



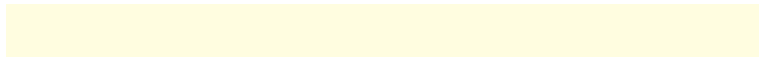
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

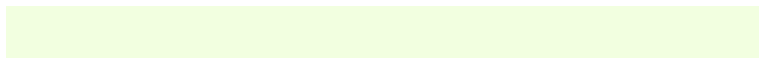
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250.2920, -12.9620, 4.1289



249.4940, -16.0195, 4.8288



247.5790, -11.6244, -4.8928



125.9310, -5.3890, 1.8145



162.1820, -79.9557, 25.2734



54.3560, -26.7975, 8.4578

Inverse Universe

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



228.7080, 12.9620, -4.1289



222.5060, 16.0195, -4.8288



231.4210, 11.6244, 4.8928



117.0690, 5.3890, -1.8145



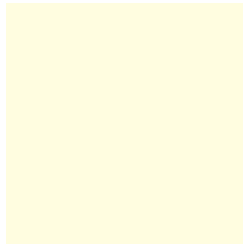
28.8180, 79.9557, -25.2734



9.6440, 26.7975, -8.4578

Previews

White Background



This preview shows how the YUV color 250.2920, -12.9620, 4.1289 looks on a white background.

Color Contrast Check

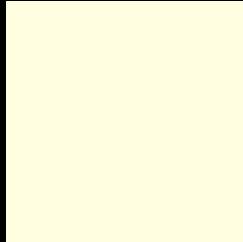
Large Text (above 18pt) WCAG AA × Fail

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 250.2920, -12.9620, 4.1289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

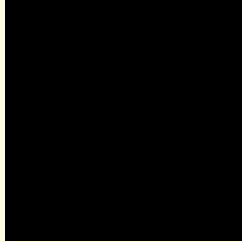
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 250.2920, -12.9620, 4.1289

Background



This preview shows how black text looks on a background with the YUV color 250.2920, -12.9620, 4.1289.



This preview shows how white text looks on a background with the YUV color 250.2920, -12.9620,

4.1289.

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

250.2920, -12.9620, 4.1289



Protanopia

251.2840, -4.0840, 3.2589

Deuteranopia

251.9680, -1.4632, 2.6591

Tritanopia

251.7660, 1.5944, 1.9592

Trichromacy



Original Color

250.2920, -12.9620, 4.1289

Protanomaly

251.0730, -7.4310, 3.4440

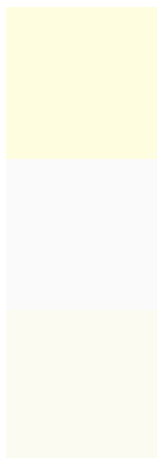
Deuteranomaly

251.5290, -5.6838, 3.0441

Tritanomaly

251.0990, -3.4998, 2.5442

Monochromacy



Original Color

250.2920, -12.9620, 4.1289

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

250.1590, -4.5154, 1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 250.2920, -12.9620, 4.1289 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(255, 253, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 224)  
}
```

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(255, 253, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 224) }
```

Border

The CSS property to change the border of an element to YUV 250.2920, -12.9620, 4.1289 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(255, 253, 224) }
```


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

```
.border{ border-color:rgb(255, 253, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 250.2920, -12.9620, 4.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 224) }
```

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

```
.background{ background-color: rgb(255,  
253, 224) }
```

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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