

Converting Colors

YUV(252.2300, -5.5364, 2.4293)

Have a look what the booklet for
YUV(252.2300, -5.5364, 2.4293)
contains.

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Color

**YUV(252.2300, -5.5364,
2.4293)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDF1
RGB	255, 253, 241
RGB Percent	100%, 99%, 95%
CMY	0.0000, 0.0078, 0.0549
CMYK	0.00, 0.01, 0.05, 0.00
HSL	51°, 100%, 97%
HSV	51°, 5%, 100%
XYZ	92.2425, 97.8614, 97.2465
YIQ	252.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

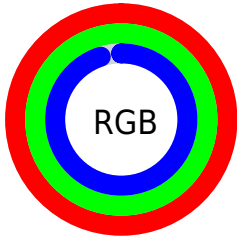
Format	Color
R _Y B	243, 255, 241
Decimal	16776689
CIE Lab	99.17, -1.38, 5.96
CIE LCh	99, 6.116, 103.012
Yxy	97.8614, 0.3210, 0.3406
Android (android.graphics.Color)	4294966769 (0xFFFFFDF1)
YUV	252.2300, -5.5364, 2.4293
Hunter-Lab	98.9249, -6.6765, 10.9634

Details

The YUV color 252.2300, -5.5364, 2.4293 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 243.7700, 5.5364, -2.4293, and the grayscale version is 252.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 195.3440, -5.0996, 2.3293 is the 20% darker color. If you saturate the color by 10%, you get 247.0320, -15.2988, 6.9879, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

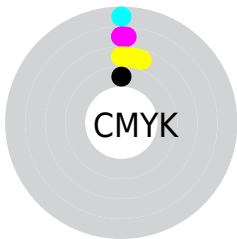
Distribution



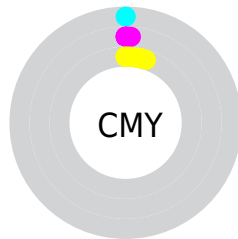
- Red (100%)
- Green (99%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (95%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 252.2300, -5.5364, 2.4293 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 252.2300, -5.5364, 2.4293 by changing the saturation by 10% instead.

 252.2300, -5.5364,
2.4293


 252.2300, -5.5364,
2.4293

255.0000, 0.0000,
0.0000


 223.3440, -5.0996,
2.3293

 195.3440, -5.0996,
2.3293

 168.3440, -5.0996,
2.3293

 142.0450, -4.9522,
1.7145

 116.4580, -4.6628,
2.2293

 92.1590, -4.5154,
1.6146

 68.2730, -4.0786,

1.5146

■ 46.2730, -4.0786,
1.5146

■ 25.2730, -4.0786,
1.5146

■ 252.2300, -5.5364,
2.4293

■ 252.2300, -5.5364,
2.4293

■ 247.0320,
-15.2988, 6.9879

255.0000, 0.0000,
0.0000

■ 242.3070,
-25.7874, 11.1318

■ 236.9950,
-35.9865, 15.7904

■ 231.7970,
-45.7489, 20.3490

■ 227.1860,
-55.8007, 24.3929

■ 221.8740,
-65.9999, 29.0515

■ 217.1490,
-76.4885, 33.1953

■ 211.9510,
-86.2508, 37.7540

■ 206.6390,
-96.4500, 42.4126

Harmonies

Analogous

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



251.0560, -4.9576, 3.4589



252.2300, -5.5364, 2.4293



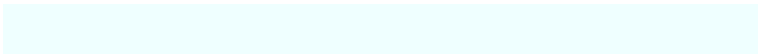
251.6530, -3.7729, -3.2037

Triad

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



252.2300, -5.5364, 2.4293



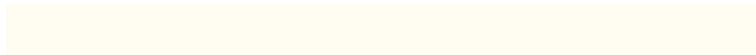
250.2160, 2.3585, -9.8364



251.4780, 1.7363, 3.0888

Complementary

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



252.2300, -5.5364, 2.4293



243.7700, 5.5364, -2.4293

Split Complementary

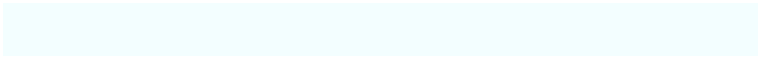
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



252.0650, 1.4470, 2.5740



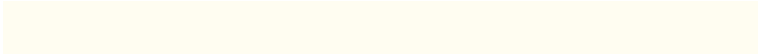
252.2300, -5.5364, 2.4293



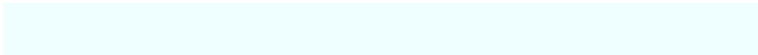
250.8250, 2.0583, -6.8625

Square

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



252.2300, -5.5364, 2.4293



250.2160, 2.3585, -9.8364



251.7440, 1.6052, -1.5295



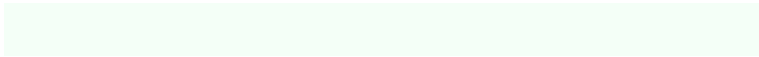
250.9080, -0.4476, 3.5887

Rectangle

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



252.2300, -5.5364, 2.4293



250.7990, -1.8729, -5.9627



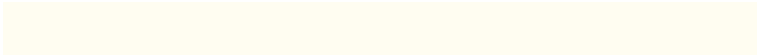
251.7440, 1.6052, -1.5295



251.4780, 1.7363, 3.0888

Sweetspot

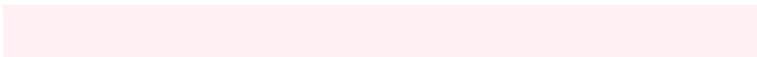
The Sweet Spot groups the original color and five complimentary colors.



252.2300, -5.5364, 2.4293



253.8430, -1.8946, 1.0147



245.4140, -1.1901, 8.4069



127.0710, -1.0210, 0.8147



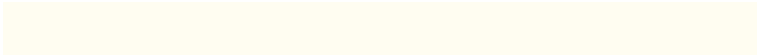
0.0000, 0.0000, 0.0000



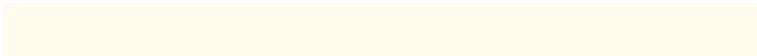
128.0000, 0.0000, 0.0000

Same Dimension

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



252.2300, -5.5364, 2.4293



251.1870, -6.9942, 3.3440



251.9090, -5.3781, -1.6742



125.5720, -4.2260, 2.1294



153.3770, -75.6149, 32.9954



51.4210, -25.3506, 11.0318

Inverse Universe

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



243.7700, 5.5364, -2.4293



240.8130, 6.9942, -3.3440



244.0910, 5.3781, 1.6742



119.4280, 4.2260, -2.1294



37.6230, 75.6149, -32.9954



12.5790, 25.3506, -11.0318

Previews

White Background



This preview shows how the YUV color 252.2300, -5.5364, 2.4293 looks on a white background.

Color Contrast Check

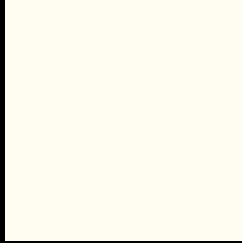
Large Text (above 18pt) WCAG AA × Fail

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 252.2300, -5.5364, 2.4293 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 252.2300, -5.5364, 2.4293

Background



This preview shows how black text looks on a background with the YUV color 252.2300, -5.5364, 2.4293.



This preview shows how white text looks on a background with the YUV color 252.2300, -5.5364,

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

A vertical grid of three color swatches. The top swatch is a bright yellow, the middle is a pale yellow, and the bottom is a very light, almost white yellow. To the right of each swatch is text describing the color and its corresponding LMS values.

Original Color

252.2300, -5.5364, 2.4293

Protanopia

252.5550, -1.7526, 2.1443

Deuteranopia

252.8970, -0.4422, 1.8443

Tritanopia

252.9400, 1.0156, 0.9296

Trichromacy

Original Color

252.2300, -5.5364, 2.4293

Protanomaly

252.2130, -3.0630, 2.4442

Deuteranomaly

252.4410, -2.1894, 2.2442

Tritanomaly

252.3700, -1.1684, 1.4295

Monochromacy

Original Color

252.2300, -5.5364, 2.4293

Achromatopsia

252.0000, 0.0000, 0.0000

Achromatomaly

251.8430, -1.8946, 1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 252.2300, -5.5364, 2.4293 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 241) }
```

Border

The CSS property to change the border of an element to YUV 252.2300, -5.5364, 2.4293 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, 241) }
```


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

```
.border{ border-color:rgb(255, 253, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 252.2300, -5.5364, 2.4293 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, 241) }
```

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

```
.background{ background-color: rgb(255,  
253, 241) }
```

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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