

Converting Colors

YUV(242.9580, -23.1503,
5.2988)

Have a look what the booklet for
YUV(242.9580, -23.1503, 5.2988)
contains.

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Color

**YUV(242.9580, -23.1503,
5.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F9C4
RGB	249, 249, 196
RGB Percent	98%, 98%, 77%
CMY	0.0235, 0.0235, 0.2314
CMYK	0.00, 0.00, 0.21, 0.02
HSL	60°, 82%, 87%
HSV	60°, 21%, 98%
XYZ	82.9064, 91.8766, 65.5889
YIQ	242.9580, 17.0130, -16.4830

Conversions

Conversions Part 2

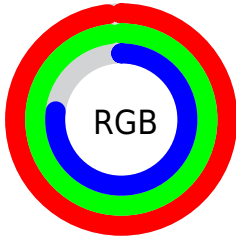
Format	Color
R _Y B	196, 249, 196
Decimal	16382404
CIE Lab	96.77, -8.34, 25.52
CIE LCh	97, 26.850, 108.102
Yxy	91.8766, 0.3449, 0.3822
Android (android.graphics.Color)	4294572484 (0xFFFF9F9C4)
YUV	242.9580, -23.1503, 5.2988
Hunter-Lab	95.8523, -13.3499, 26.5262

Details

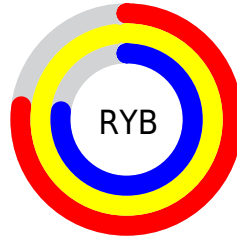
The YUV color $242.9580, -23.1503, 5.2988$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $202.0420, 23.1503, -5.2988$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7720, -0.8736, 0.2000$, and $186.8870, -22.1293, 4.4841$ is the 20% darker color. If you saturate the color by 10%, you get $240.1080, -34.0702, 7.7983$, and if you desaturate by 10%, it is $245.8080, -12.2303, 2.7994$.

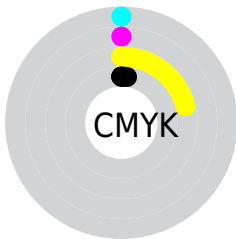
Distribution



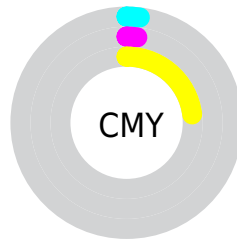
- Red (98%)
- Green (98%)
- Blue (77%)



- Red (77%)
- Yellow (98%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.9580, -23.1503, 5.2988 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 242.9580, -23.1503, 5.2988 by changing the saturation by 10% instead.

■ 242.9580,
-23.1503, 5.2988

■ 242.9580,
-23.1503, 5.2988

255.0000, 0.0000,
0.0000

■ 214.1860,
-22.2767, 5.0989

254.7720, -0.8736,
0.2000

■ 186.8870,
-22.1293, 4.4841

■ 160.0010,
-21.6925, 4.3841

■ 133.2290,
-20.8189, 4.1842

■ 108.0440,
-20.2347, 3.4694

■ 83.2720, -19.3611,
3.2695

■ 60.0870, -18.7769,

2.5547

■ 38.0870, -18.7769,
2.5547

■ 18.5730, -9.1565,
-3.1335

■ 242.9580,
-23.1503, 5.2988

■ 242.9580,
-23.1503, 5.2988

■ 240.1080,
-34.0702, 7.7983

■ 245.8080,
-12.2303, 2.7994

■ 237.2580,
-44.9902, 10.2977

■ 248.6580, -1.3104,
0.2999

■ 234.4080,
-55.9101, 12.7972

■ 249.6840, 2.6208,
-0.5999

■ 231.5580,
-66.8301, 15.2966

■ 228.8220,
-77.3132, 17.6961

■ 225.9720,
-88.2332, 20.1956

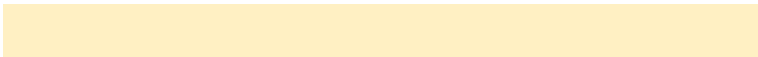
■ 223.1220,
-99.1531, 22.6950

■ 220.6140,
-108.7627, 24.8945

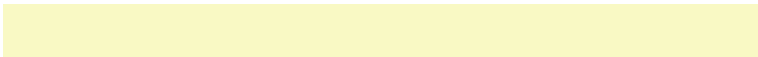
Harmonies

Analogous

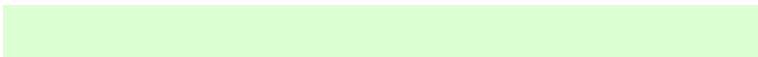
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.3550, -21.8670, 13.7207



242.9580, -23.1503, 5.2988



239.1060, -14.3493, -17.6330

Triad

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



242.9580, -23.1503, 5.2988



231.9770, 11.3503, -47.3378



239.1510, 7.8136, 13.8996

Complementary

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



242.9580, -23.1503, 5.2988



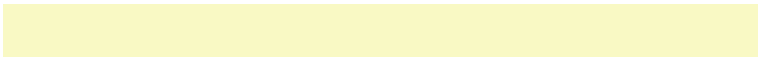
202.0420, 23.1503, -5.2988

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.



242.6730, 6.0772, 10.8108



242.9580, -23.1503, 5.2988



236.8050, 8.9701, -30.5240

Square

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



242.9580, -23.1503, 5.2988



231.0800, 11.7926, -49.1822



242.5740, 6.1260, -4.8884



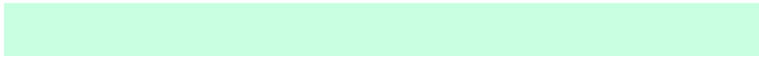
236.4150, -2.6696, 16.2990

Rectangle

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



242.9580, -23.1503, 5.2988



235.1350, -4.9966, -30.8134



242.5740, 6.1260, -4.8884



240.3250, 7.2348, 12.8700

Sweetspot

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



242.9580, -23.1503, 5.2988



253.2900, -6.5520, 1.4997



211.8470, -7.8126, 32.5832



126.9740, -3.9312, 0.8998



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

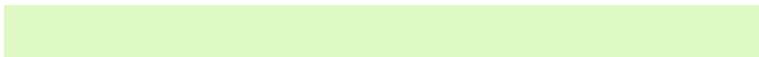
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.9580, -23.1503, 5.2988



247.4760, -28.8287, 6.5985



235.1840, -19.3177, -10.6854



123.5180, -5.6784, 1.2997



167.4540, -82.5548, 18.8958



54.0460, -26.6447, 6.0987

Inverse Universe

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



202.0420, 23.1503, -5.2988



196.5240, 28.8287, -6.5985



210.1150, 19.1703, 11.3001



113.4820, 5.6784, -1.2997



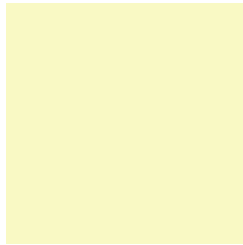
21.5460, 82.5548, -18.8958



6.9540, 26.6447, -6.0987

Previews

White Background



This preview shows how the YUV color 242.9580, -23.1503, 5.2988 looks on a white background.

Color Contrast Check

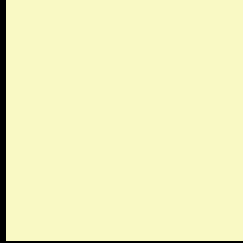
Large Text (above 18pt) WCAG AA × Fail

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 242.9580, -23.1503, 5.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

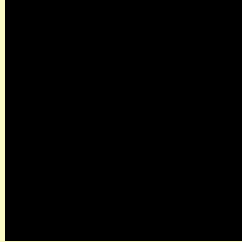
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

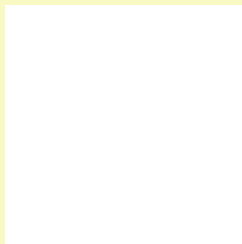
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.9580, -23.1503, 5.2988

Background



This preview shows how black text looks on a background with the YUV color 242.9580, -23.1503, 5.2988.

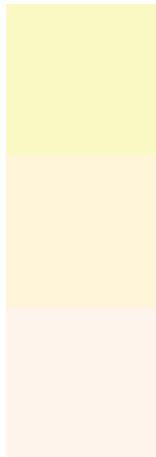


This preview shows how white text looks on a background with the YUV color 242.9580, -23.1503,

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

242.9580, -23.1503, 5.2988

Protanopia

244.7980, -13.7044, 8.9472

Deuteranopia

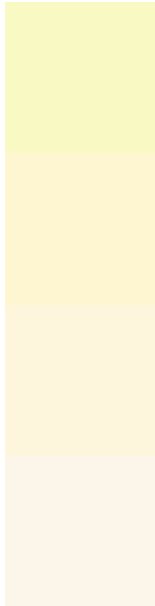
246.3770, -5.1159, 7.5624



Tritanopia

247.0700, 3.9095, 6.0776

Trichromacy



Original Color

242.9580, -23.1503, 5.2988

Protanomaly

243.8750, -17.1934, 8.0026

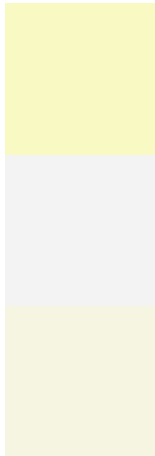
Deuteranomaly

245.2430, -11.9518, 6.8029

Tritanomaly

245.8390, -5.8366, 5.4032

Monochromacy



Original Color

242.9580, -23.1503, 5.2988

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.8340, -8.2992, 1.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.9580, -23.1503, 5.2988 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(249, 249, 196)` looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 196)  
}
```

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(249, 249, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 196) }
```

Border

The CSS property to change the border of an element to YUV 242.9580, -23.1503, 5.2988 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(249, 249, 196) }
```


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

```
.border{ border-color:rgb(249, 249, 196) }
```

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

Here you see how a box with a 4 pixel rgb(249, 249, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 196);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 242.9580, -23.1503, 5.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 196) }
```

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

```
.background{ background-color: rgb(249,  
249, 196) }
```

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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