

Converting Colors

YUV(240.9580, -23.1503,
5.2988)

Have a look what the booklet for
YUV(240.9580, -23.1503, 5.2988)
contains.

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Color

**YUV(240.9580, -23.1503,
5.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F7C2
RGB	247, 247, 194
RGB Percent	97%, 97%, 76%
CMY	0.0314, 0.0314, 0.2392
CMYK	0.00, 0.00, 0.21, 0.03
HSL	60°, 77%, 86%
HSV	60°, 21%, 97%
XYZ	81.3561, 90.1907, 64.1596
YIQ	240.9580, 17.0130, -16.4830

Conversions

Conversions Part 2

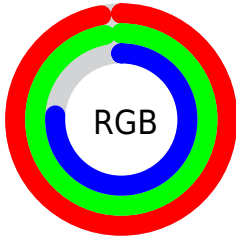
Format	Color
RYB	194, 247, 194
Decimal	16250818
CIELab	96.08, -8.35, 25.56
CIELCh	96, 26.889, 108.086
Yxy	90.1907, 0.3452, 0.3826
Android (android.graphics.Color)	4294440898 (0xFFFF7F7C2)
YUV	240.9580, -23.1503, 5.2988
Hunter-Lab	94.9688, -13.2813, 26.4227

Details

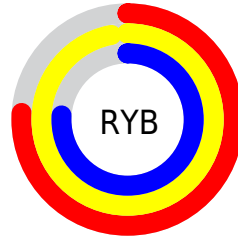
The YUV color $240.9580, -23.1503, 5.2988$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $200.0420, 23.1503, -5.2988$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.5440, -1.7472, 0.3999$, and $184.8870, -22.1293, 4.4841$ is the 20% darker color. If you saturate the color by 10%, you get $238.1080, -34.0702, 7.7983$, and if you desaturate by 10%, it is $243.8080, -12.2303, 2.7994$.

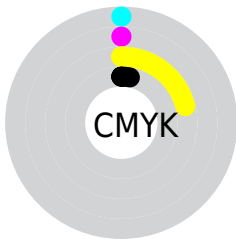
Distribution



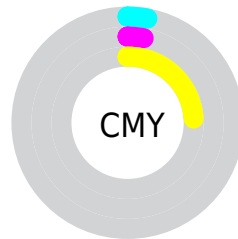
- Red (97%)
- Green (97%)
- Blue (76%)



- Red (76%)
- Yellow (97%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.9580, -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 240.9580, -23.1503, 5.2988 by changing the saturation by 10% instead.

240.9580,
-23.1503, 5.2988

240.9580,
-23.1503, 5.2988

255.0000, 0.0000,
0.0000

212.7730,
-22.5661, 4.5841

254.5440, -1.7472,
0.3999

184.8870,
-22.1293, 4.4841

158.0010,
-21.6925, 4.3841

131.3430,
-20.3821, 4.0842

106.1580,
-19.7979, 3.3694

81.9730, -19.2137,
2.6547

58.2010, -18.3401,

2.4547

■ 36.6140, -18.0507,
2.9695

■ 17.0890, -8.4249,
-4.4631

■ 240.9580,
-23.1503, 5.2988

■ 240.9580,
-23.1503, 5.2988

■ 238.1080,
-34.0702, 7.7983

■ 243.8080,
-12.2303, 2.7994

■ 235.3720,
-44.5534, 10.1978

■ 246.5440, -1.7472,
0.3999

■ 232.5220,
-55.4733, 12.6972

■ 247.9120, 3.4944,
-0.7998

■ 229.6720,
-66.3933, 15.1967

■ 226.8220,
-77.3132, 17.6961

■ 224.0860,
-87.7964, 20.0956

■ 221.2360,
-98.7163, 22.5950

■ 218.8420,
-107.8891, 24.6946

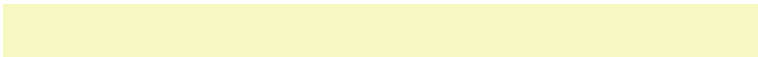
Harmonies

Analogous

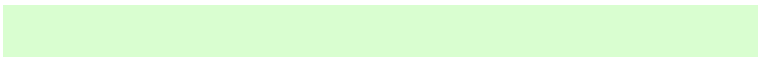
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.9530, -22.1618, 14.9502



240.9580, -23.1503, 5.2988



237.6930, -14.6386, -18.1478

Triad

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



240.9580, -23.1503, 5.2988



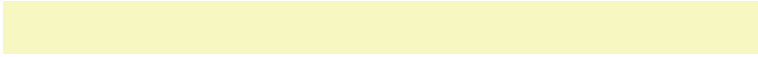
231.3790, 11.6452, -48.5674



237.9770, 8.3923, 14.9292

Complementary

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



240.9580, -23.1503, 5.2988



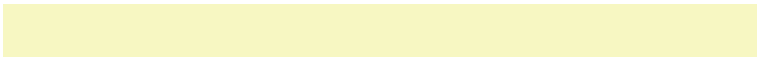
200.0420, 23.1503, -5.2988

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.



241.4990, 6.6560, 11.8404



240.9580, -23.1503, 5.2988



235.0330, 9.8437, -30.7239

Square

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



240.9580, -23.1503, 5.2988



230.4820, 12.0874, -50.4117



240.8020, 6.9996, -5.0884



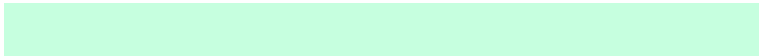
235.0130, -2.9644, 17.5286

Rectangle

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



240.9580, -23.1503, 5.2988



234.3090, -5.5753, -31.8430



240.8020, 6.9996, -5.0884



239.1510, 7.8136, 13.8996

Sweetspot

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



240.9580, -23.1503, 5.2988



253.2900, -6.5520, 1.4997



209.8470, -7.8126, 32.5832



126.9740, -3.9312, 0.8998



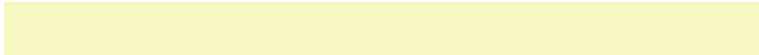
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

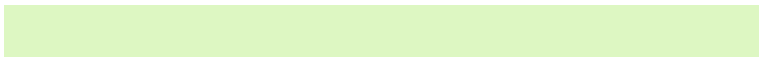
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.9580, -23.1503, 5.2988



247.4760, -28.8287, 6.5985



233.1840, -19.3177, -10.6854



120.6320, -5.2416, 1.1997



164.7960, -81.2444, 18.5959



52.2740, -25.7711, 5.8987

Inverse Universe

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



200.0420, 23.1503, -5.2988



196.5240, 28.8287, -6.5985



208.1150, 19.1703, 11.3001



111.3680, 5.2416, -1.1997



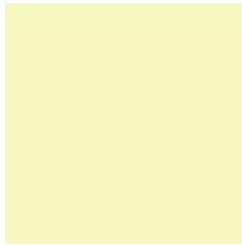
21.2040, 81.2444, -18.5959



6.7260, 25.7711, -5.8987

Previews

White Background



This preview shows how the YUV color 240.9580, -23.1503, 5.2988 looks on a white background.

Color Contrast Check

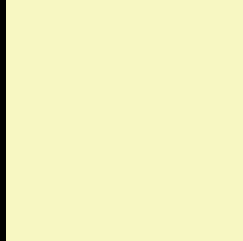
Large Text (above 18pt) WCAG AA × Fail

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 240.9580, -23.1503, 5.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

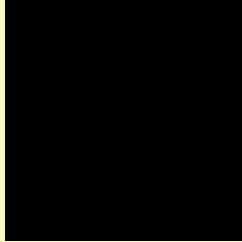
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 240.9580, -23.1503, 5.2988

Background



This preview shows how black text looks on a background with the YUV color 240.9580, -23.1503, 5.2988.

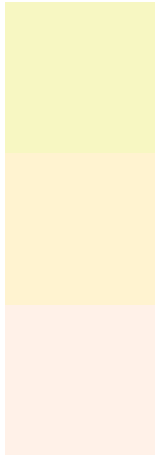


This preview shows how white text looks on a background with the YUV color 240.9580, -23.1503,

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

240.9580, -23.1503, 5.2988

Protanopia

242.5980, -17.0568, 10.8766

Deuteranopia

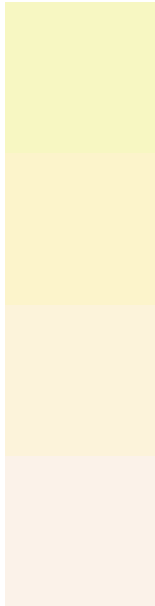
244.1600, -5.9949, 9.5067



Tritanopia

245.0100, 4.9251, 7.0072

Trichromacy



Original Color

240.9580, -23.1503, 5.2988

Protanomaly

241.7180, -19.0880, 9.0173

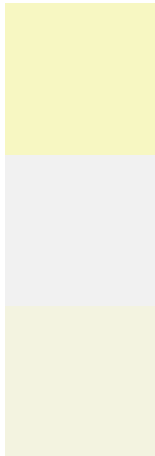
Deuteranomaly

242.8410, -12.2466, 8.0324

Tritanomaly

243.6650, -5.2578, 6.4328

Monochromacy



Original Color

240.9580, -23.1503, 5.2988

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.8340, -8.2992, 1.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.9580, -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(247, 247, 194)` looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 194)  
}
```

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(247, 247, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 194) }
```

Border

The CSS property to change the border of an element to YUV 240.9580, -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(247, 247, 194) }
```


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

```
.border{ border-color:rgb(247, 247, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 247, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 194);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 240.9580, -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(247, 247, 194) }
```

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

```
.background{ background-color: rgb(247,  
247, 194) }
```

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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