

Converting Colors

YUV(244.3950, -12.5197,
2.2846)

Have a look what the booklet for
YUV(244.3950, -12.5197, 2.2846)
contains.

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Color

**YUV(244.3950, -12.5197,
2.2846)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F8DB
RGB	247, 248, 219
RGB Percent	97%, 97%, 86%
CMY	0.0314, 0.0275, 0.1412
CMYK	0.00, 0.00, 0.12, 0.03
HSL	62°, 67%, 92%
HSV	62°, 12%, 97%
XYZ	84.7114, 92.0234, 80.3154
YIQ	244.3950, 8.7130, -9.2310

Conversions

Conversions Part 2

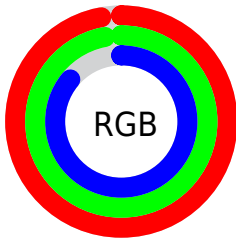
Format	Color
R _Y B	219, 248, 220
Decimal	16251099
CIE Lab	96.83, -5.16, 13.83
CIE LCh	97, 14.758, 110.462
Yxy	92.0234, 0.3296, 0.3580
Android (android.graphics.Color)	4294441179 (0xFFFF7F8DB)
YUV	244.3950, -12.5197, 2.2846
Hunter-Lab	95.9288, -10.2485, 17.5103

Details

The YUV color $244.3950, -12.5197, 2.2846$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $222.6050, 12.5197, -2.2846$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.5090, -12.0829, 2.1846$ is the 20% darker color. If you saturate the color by 10%, you get $241.2460, -23.2923, 4.1693$, and if you desaturate by 10%, it is $247.5440, -1.7472, 0.3999$.

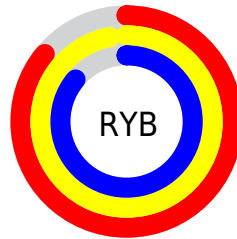
Distribution



Red (97%)

Green (97%)

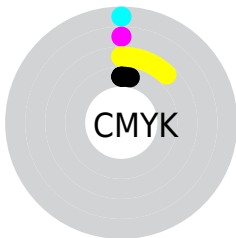
Blue (86%)



Red (86%)

Yellow (97%)

Blue (86%)

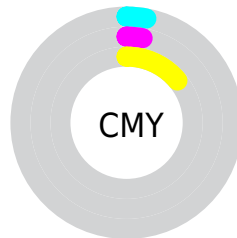


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (3%)



Cyan (3%)

Magenta (3%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.3950, -12.5197, 2.2846 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 244.3950, -12.5197, 2.2846 by changing the saturation by 10% instead.

■ 244.3950,
-12.5197, 2.2846

■ 244.3950,
-12.5197, 2.2846

255.0000, 0.0000,
0.0000

■ 215.5090,
-12.0829, 2.1846

■ 188.5090,
-12.0829, 2.1846

■ 161.3240,
-11.4987, 1.4699

■ 134.7370,
-11.2093, 1.9847

■ 109.5520,
-10.6251, 1.2699

■ 84.9650, -10.3357,
1.7847

■ 61.7800, -9.7515,

1.0699

■ 39.8940, -9.3147,
0.9700

■ 19.7800, -9.7515,
1.0699

■ 244.3950,
-12.5197, 2.2846

■ 244.3950,
-12.5197, 2.2846

■ 241.2460,
-23.2923, 4.1693

■ 247.5440, -1.7472,
0.3999

■ 238.0970,
-34.0648, 6.0539

■ 249.0970, 2.9102,
-0.0851

■ 235.0620,
-44.4006, 7.8386

■ 249.3960, 2.7628,
0.5297

■ 232.2120,
-55.3205, 10.3381

■ 249.6950, 2.6154,
1.1445

■ 229.0630,
-66.0931, 12.2227

■ 249.9940, 2.4680,
1.7593

■ 225.9140,
-76.8656, 14.1074

■ 250.2930, 2.3206,
2.3740

■ 222.7650,
-87.6381, 15.9921

■ 250.5920, 2.1731,
2.9888

■ 219.7300,
-97.9739, 17.7768

■ 250.8910, 2.0257,
3.6036

■ 217.0370,
-106.9992, 19.2616

Harmonies

Analogous

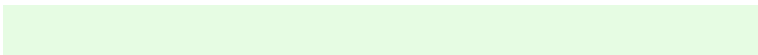
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.7380, -12.6888, 9.8768



244.3950, -12.5197, 2.2846



242.5720, -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.



244.3950, -12.5197, 2.2846



240.6810, 7.0593, -24.2762



243.9780, 3.4618, 9.6663

Complementary

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



244.3950, -12.5197, 2.2846



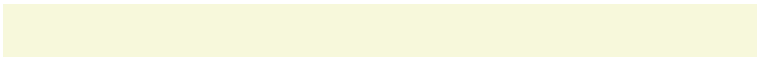
222.6050, 12.5197, -2.2846

Split Complementary

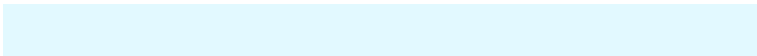
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.6080, 4.6303, 8.2368



244.3950, -12.5197, 2.2846



242.8070, 6.0111, -14.7397

Square

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



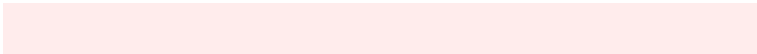
244.3950, -12.5197, 2.2846



240.9580, 6.9227, -27.1502



244.9550, 4.9522, -1.7145



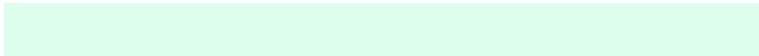
241.6810, -2.8007, 11.6808

Rectangle

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



244.3950, -12.5197, 2.2846



242.0810, -2.9979, -18.4880



244.9550, 4.9522, -1.7145



244.4340, 5.2090, 9.2664

Sweetspot

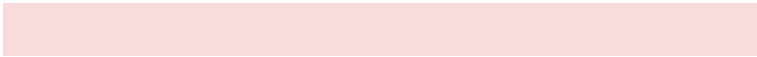
The Sweet Spot groups the original color and five complimentary colors.



244.3950, -12.5197, 2.2846



253.8600, -4.3680, 0.9998



228.2580, -4.5642, 17.3137



126.9030, -2.9102, 0.0851



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

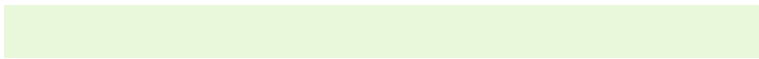
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.3950, -12.5197, 2.2846



250.5970, -15.5773, 2.9844



240.2090, -10.4560, -6.3223



123.5180, -5.6784, 1.2997



165.3610, -81.5230, 14.5924



53.4480, -26.3499, 4.8691

Inverse Universe

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



222.6050, 12.5197, -2.2846



223.7020, 15.4299, -2.3697



226.7910, 10.4560, 6.3223



113.7810, 5.5310, -0.6849



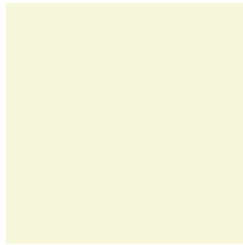
23.6390, 81.5230, -14.5924



7.5520, 26.3499, -4.8691

Previews

White Background



This preview shows how the YUV color 244.3950, -12.5197, 2.2846 looks on a white background.

Color Contrast Check

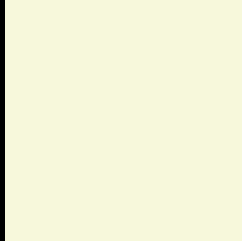
Large Text (above 18pt) WCAG AA × Fail

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 244.3950, -12.5197, 2.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

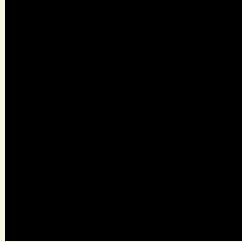
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

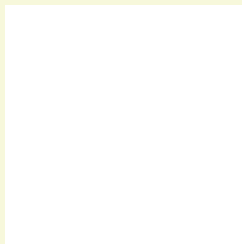
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.3950, -12.5197, 2.2846

Background



This preview shows how black text looks on a background with the YUV color 244.3950, -12.5197, 2.2846.



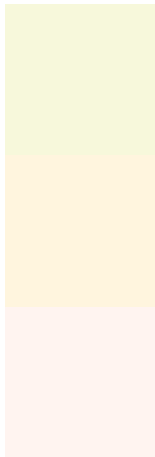
This preview shows how white text looks on a background with the YUV color 244.3950, -12.5197, 2.2846.

2.2846.

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

244.3950, -12.5197, 2.2846

Protanopia

245.3680, -11.5204, 8.4473

Deuteranopia

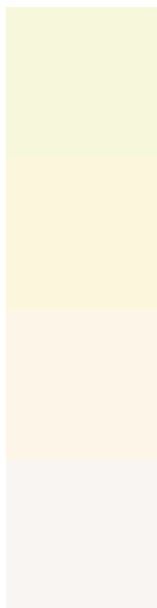
246.8330, -3.3687, 7.1625



Tritanopia

247.0480, 3.9203, 2.5889

Trichromacy



Original Color

244.3950, -12.5197, 2.2846

Protanomaly

244.9440, -11.8044, 6.1881

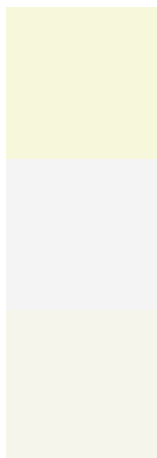
Deuteranomaly

245.6110, -6.7102, 5.6032

Tritanomaly

245.8540, -1.9000, 2.7590

Monochromacy



Original Color

244.3950, -12.5197, 2.2846

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

243.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.3950, -12.5197, 2.2846 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, 248, 219)` looks like.

```
.text, #text, p{  
    color:rgb(247, 248, 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(247, 248, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 248, 219) }
```

Border

The CSS property to change the border of an element to YUV 244.3950, -12.5197, 2.2846 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, 248, 219) }
```


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

```
.border{ border-color:rgb(247, 248, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 248, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 248, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 248, 219);  
box-shadow:4px 4px 4px 4px rgb(247, 248,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 244.3950, -12.5197, 2.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 248, 219) }
```

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

```
.background{ background-color: rgb(247,  
248, 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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