

Converting Colors

YUV(242.3950, -12.5197,
2.2846)

Have a look what the booklet for
YUV(242.3950, -12.5197, 2.2846)
contains.

YUV(242.3950, -12.5197, 2.2846)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(242.3950, -12.5197,
2.2846)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F6D9
RGB	245, 246, 217
RGB Percent	96%, 96%, 85%
CMY	0.0392, 0.0353, 0.1490
CMYK	0.00, 0.00, 0.12, 0.04
HSL	62°, 62%, 91%
HSV	62°, 12%, 96%
XYZ	83.1363, 90.3338, 78.7000
YIQ	242.3950, 8.7130, -9.2310

Conversions

Conversions Part 2

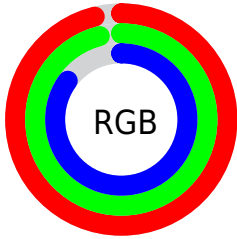
Format	Color
R_{YB}	217, 246, 218
Decimal	16119513
CIE _{Lab}	96.14, -5.17, 13.85
CIE _{LCh}	96, 14.780, 110.454
Yxy	90.3338, 0.3297, 0.3582
Android (android.graphics.Color)	4294309593 (0xFFFF5F6D9)
YUV	242.3950, -12.5197, 2.2846
Hunter-Lab	95.0441, -10.1908, 17.4365

Details

The YUV color $242.3950, -12.5197, 2.2846$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $220.6050, 12.5197, -2.2846$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.5090, -12.0829, 2.1846$ is the 20% darker color. If you saturate the color by 10%, you get $239.2460, -23.2923, 4.1693$, and if you desaturate by 10%, it is $245.5440, -1.7472, 0.3999$.

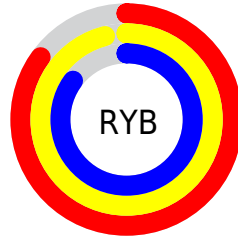
Distribution



Red (96%)

Green (96%)

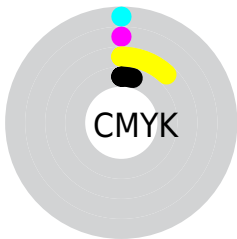
Blue (85%)



Red (85%)

Yellow (96%)

Blue (85%)

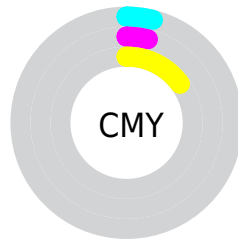


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.3950, -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 242.3950, -12.5197, 2.2846 by changing the saturation by 10% instead.

■ 242.3950,
-12.5197, 2.2846

■ 242.3950,
-12.5197, 2.2846

255.0000, 0.0000,
0.0000

■ 214.0960,
-12.3723, 1.6698

■ 186.5090,
-12.0829, 2.1846

■ 159.6230,
-11.6461, 2.0846

■ 132.7370,
-11.2093, 1.9847

■ 107.8510,
-10.7725, 1.8847

■ 83.6660, -10.1883,
1.1699

■ 60.7800, -9.7515,

1.0699

■ 38.8940, -9.3147,
0.9700

■ 18.0080, -8.8779,
0.8700

■ 242.3950,
-12.5197, 2.2846

■ 242.3950,
-12.5197, 2.2846

■ 239.2460,
-23.2923, 4.1693

■ 245.5440, -1.7472,
0.3999

■ 236.2110,
-33.6280, 5.9540

■ 247.3250, 3.7838,
-0.2850

■ 233.0620,
-44.4006, 7.8386

■ 247.6240, 3.6364,
0.3298

■ 230.3260,
-54.8837, 10.2381

■ 247.9230, 3.4890,
0.9445

■ 227.1770,
-65.6563, 12.1228

■ 248.2220, 3.3416,
1.5593

■ 224.0280,
-76.4288, 14.0074

■ 248.5210, 3.1941,
2.1741

■ 220.9930,
-86.7645, 15.7921

■ 248.8200, 3.0467,
2.7889

■ 217.8440,
-97.5371, 17.6768

■ 249.1190, 2.8993,
3.4036

■ 215.5640,
-106.2731, 19.6764

Harmonies

Analogous

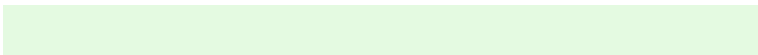
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.3360, -12.9836, 11.1063



242.3950, -12.5197, 2.2846



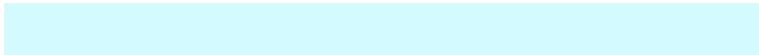
240.5720, -7.6770, -11.0256

Triad

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



242.3950, -12.5197, 2.2846



238.9090, 7.9329, -24.4762



242.5760, 3.1670, 10.8958

Complementary

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



242.3950, -12.5197, 2.2846



220.6050, 12.5197, -2.2846

Split Complementary

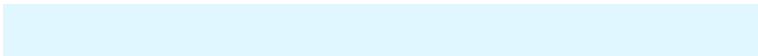
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.4340, 5.2090, 9.2664



242.3950, -12.5197, 2.2846



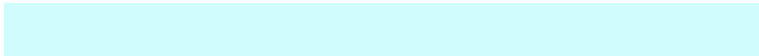
241.0350, 6.8847, -14.9397

Square

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



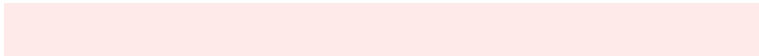
242.3950, -12.5197, 2.2846



238.9580, 6.9227, -27.1502



243.1830, 5.8258, -1.9145



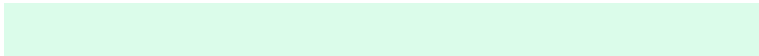
240.2790, -3.0955, 12.9103

Rectangle

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



242.3950, -12.5197, 2.2846



240.0810, -2.9979, -18.4880



243.1830, 5.8258, -1.9145



243.1460, 5.3510, 10.3960

Sweetspot

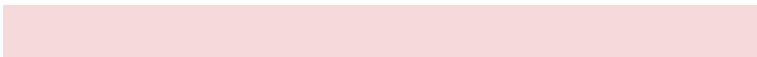
The Sweet Spot groups the original color and five complimentary colors.



242.3950, -12.5197, 2.2846



253.8600, -4.3680, 0.9998



226.2580, -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.



242.3950, -12.5197, 2.2846



250.5970, -15.5773, 2.9844



238.2090, -10.4560, -6.3223



120.6320, -5.2416, 1.1997



163.0020, -80.3600, 14.9072



51.6760, -25.4763, 4.6691

Inverse Universe

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



220.6050, 12.5197, -2.2846



223.7020, 15.4299, -2.3697



224.7910, 10.4560, 6.3223



111.6670, 5.0942, -0.5850



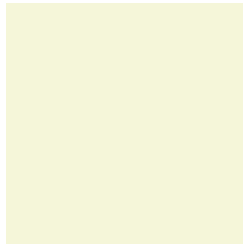
22.9980, 80.3600, -14.9072



7.3240, 25.4763, -4.6691

Previews

White Background



This preview shows how the YUV color 242.3950, -12.5197, 2.2846 looks on a white background.

Color Contrast Check

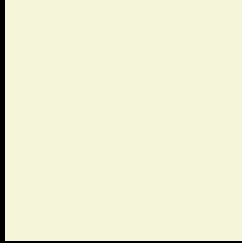
Large Text (above 18pt) WCAG AA × Fail

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 242.3950, -12.5197, 2.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

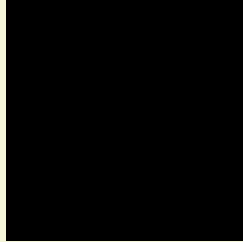
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

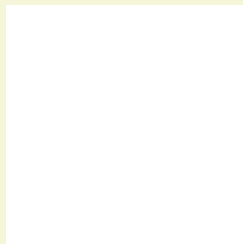
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.3950, -12.5197, 2.2846

Background



This preview shows how black text looks on a background with the YUV color 242.3950, -12.5197, 2.2846.



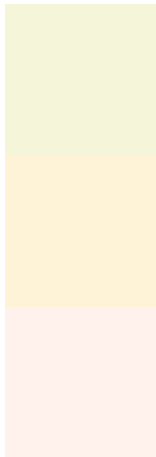
This preview shows how white text looks on a background with the YUV color 242.3950, -12.5197, 2.2846.

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

242.3950, -12.5197, 2.2846

Protanopia

243.3960, -13.9992, 10.1767

Deuteranopia

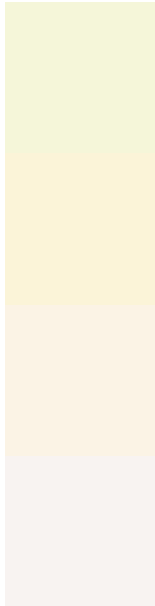
244.6160, -4.2477, 9.1068



Tritanopia

244.9880, 4.9359, 3.5185

Trichromacy



Original Color

242.3950, -12.5197, 2.2846

Protanomaly

242.9010, -13.2622, 7.1028

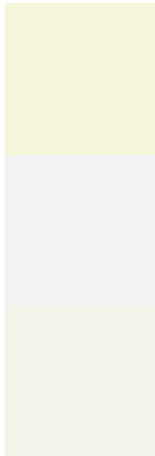
Deuteranomaly

243.7960, -7.2944, 6.3179

Tritanomaly

244.2670, -1.6106, 3.2738

Monochromacy



Original Color

242.3950, -12.5197, 2.2846

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.3950, -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(245, 246, 217)` looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 217)  
}
```

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(245, 246, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 217) }
```

Border

The CSS property to change the border of an element to YUV 242.3950, -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(245, 246, 217) }
```


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

```
.border{ border-color:rgb(245, 246, 217) }
```

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

Here you see how a box with a 4 pixel rgb(245, 246, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 246, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 246, 217);  
box-shadow:4px 4px 4px 4px rgb(245, 246,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 242.3950, -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(245, 246, 217) }
```

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

```
.background{ background-color: rgb(245,  
246, 217) }
```

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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