

Converting Colors

YUV(242.4500, -12.5468,
11.0064)

Have a look what the booklet for
YUV(242.4500, -12.5468, 11.0064)
contains.

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Color

**YUV(242.4500, -12.5468,
11.0064)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1D9
RGB	255, 241, 217
RGB Percent	100%, 95%, 85%
CMY	0.0000, 0.0549, 0.1490
CMYK	0.00, 0.05, 0.15, 0.00
HSL	38°, 100%, 93%
HSV	38°, 15%, 100%
XYZ	85.2197, 89.1803, 78.3676
YIQ	242.4500, 16.0480, -4.4960

Conversions

Conversions Part 2

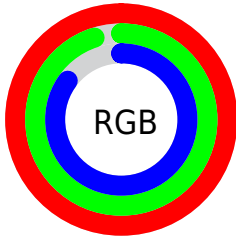
Format	Color
R_{YB}	239, 255, 217
Decimal	16773593
CIE _{Lab}	95.66, 0.86, 13.28
CIE _{LCh}	96, 13.303, 86.283
Yxy	89.1803, 0.3371, 0.3528
Android (android.graphics.Color)	4294963673 (0xFFFFF1D9)
YUV	242.4500, -12.5468, 11.0064
Hunter-Lab	94.4353, -4.1811, 16.9027

Details

The YUV color $242.4500, -12.5468, 11.0064$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $229.5500, 12.5469, -11.0063$, 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 $186.2650, -11.9626, 10.2916$ is the 20% darker color. If you saturate the color by 10%, you get $234.3170, -20.8623, 18.1390$, and if you desaturate by 10%, it is $250.6970, -3.7946, 3.7737$.

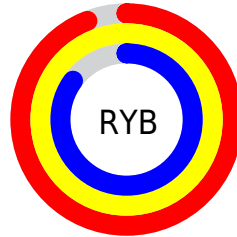
Distribution



Red (100%)

Green (95%)

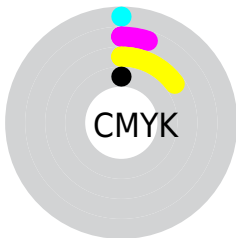
Blue (85%)



Red (94%)

Yellow (100%)

Blue (85%)

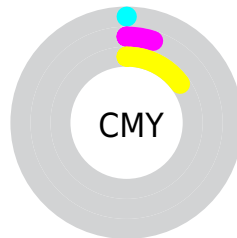


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.4500, -12.5468, 11.0064 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 242.4500, -12.5468, 11.0064 by changing the saturation by 10% instead.

■ 242.4500,
-12.5468, 11.0064

■ 242.4500,
-12.5468, 11.0064

255.0000, 0.0000,
0.0000

■ 214.1510,
-12.3994, 10.3916

■ 186.2650,
-11.9626, 10.2916

■ 159.3790,
-11.5258, 10.1916

■ 133.0800,
-11.3784, 9.5768

■ 107.8950,
-10.7942, 8.8621

■ 83.7100, -10.2100,
8.1473

■ 60.5250, -9.6258,

7.4326

■ 38.3400, -9.0416,
6.7178

■ 17.7530, -8.7522,
7.2326

■ 242.4500,
-12.5468, 11.0064

■ 242.4500,
-12.5468, 11.0064

■ 234.3170,
-20.8623, 18.1390

■ 250.6970, -3.7946,
3.7737

■ 225.4830,
-29.3251, 25.8864

255.0000, 0.0000,
0.0000

■ 217.3500,
-37.6405, 33.0191

■ 208.5160,
-46.1034, 40.7665

■ 200.3830,
-54.4188, 47.8991

■ 192.1360,
-63.1710, 55.1317

■ 183.3020,
-71.6339, 62.8791

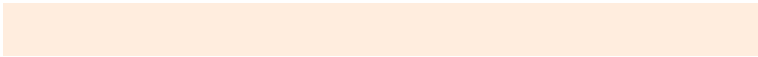
■ 175.1690,
-79.9493, 70.0118

■ 170.7520,
-84.1807, 73.8855

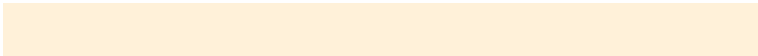
Harmonies

Analogous

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



240.6720, -9.2053, 12.5657



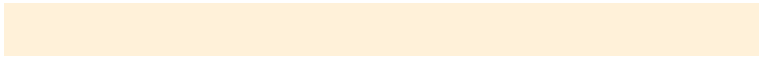
242.4500, -12.5468, 11.0064



240.8400, -10.7671, 0.1403

Triad

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



242.4500, -12.5468, 11.0064



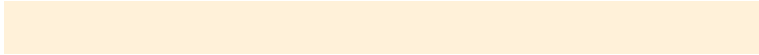
238.3820, 7.2067, -24.8910



243.8470, 5.4984, 9.7812

Complementary

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



242.4500, -12.5468, 11.0064



229.5500, 12.5469, -11.0063

Split Complementary

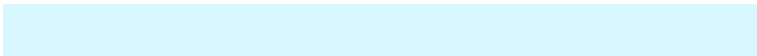
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6070, 6.1097, 0.3447



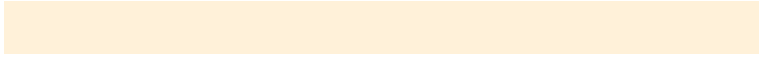
242.4500, -12.5468, 11.0064



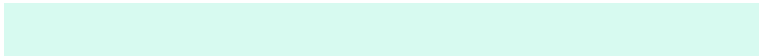
238.9310, 7.9220, -20.9875

Square

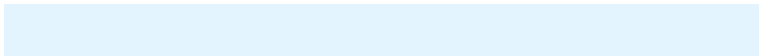
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.4500, -12.5468, 11.0064



238.3950, 0.7913, -20.5174



240.1710, 7.3107, -11.5510



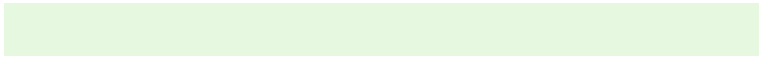
241.5330, 1.7092, 11.8106

Rectangle

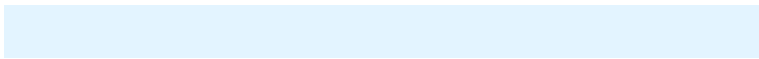
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.4500, -12.5468, 11.0064



240.1810, -7.9772, -8.0517



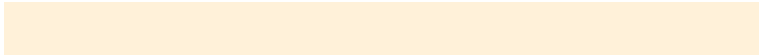
240.1710, 7.3107, -11.5510



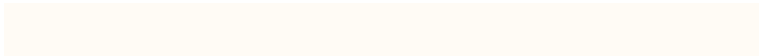
244.1350, 5.3564, 8.6516

Sweetspot

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



242.4500, -12.5468, 11.0064



251.5120, -3.2104, 3.0590



230.0720, 0.9505, 21.8619



125.4410, -2.1894, 2.2442



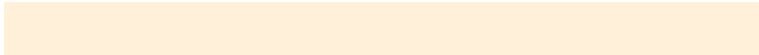
0.0000, 0.0000, 0.0000



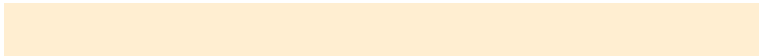
128.0000, 0.0000, 0.0000

Same Dimension

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



242.4500, -12.5468, 11.0064



239.7770, -15.1731, 13.3506



249.4720, -16.0087, 1.3401



123.5830, -4.2314, 3.8737



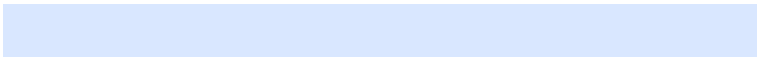
128.1360, -63.1710, 55.1317



42.6160, -21.0097, 18.7538

Inverse Universe

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



229.5500, 12.5469, -11.0063



224.2230, 15.1731, -13.3506



222.5280, 16.0087, -1.3401



118.8300, 4.5208, -3.3589



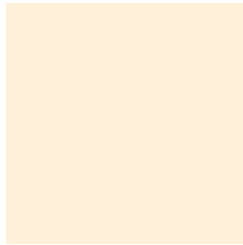
62.8640, 63.1710, -55.1317



20.7970, 21.2991, -18.2390

Previews

White Background



This preview shows how the YUV color 242.4500, -12.5468, 11.0064 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 242.4500, -12.5468, 11.0064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

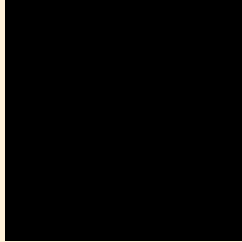
Any Text WCAG AA ✓ Pass

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 242.4500, -12.5468, 11.0064 Background



This preview shows how black text looks on a background with the YUV color 242.4500, -12.5468, 11.0064.

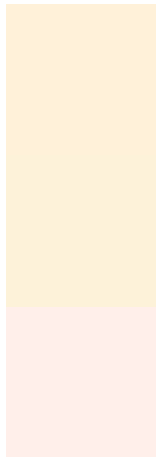


This preview shows how white text looks on a background with the YUV color 242.4500, -12.5468,

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

242.4500, -12.5468, 11.0064

Protanopia

242.4390, -12.5414, 9.2620

Deuteranopia

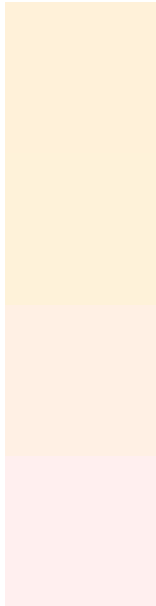
243.2140, -4.5425, 10.3363



Tritanopia

244.5650, 3.1725, 9.1515

Trichromacy



Original Color

242.4500, -12.5468, 11.0064

Protanomaly

242.7380, -12.6888, 9.8768

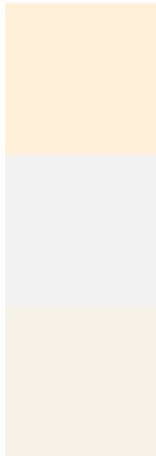
Deuteranomaly

243.1170, -7.4527, 10.4214

Tritanomaly

243.7840, -2.3585, 9.8364

Monochromacy



Original Color

242.4500, -12.5468, 11.0064

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.4690, -4.6682, 3.9737

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.4500, -12.5468, 11.0064 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, 241, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 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(255, 241, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 217) }
```

Border

The CSS property to change the border of an element to YUV 242.4500, -12.5468, 11.0064 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, 241, 217) }
```


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

```
.border{ border-color:rgb(255, 241, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 242.4500, -12.5468, 11.0064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 217) }
```

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

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