

Converting Colors

YUV(242.3360, -12.9836,
11.1063)

Have a look what the booklet for
YUV(242.3360, -12.9836, 11.1063)
contains.

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Color

**YUV(242.3360, -12.9836,
11.1063)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1D8
RGB	255, 241, 216
RGB Percent	100%, 95%, 85%
CMY	0.0000, 0.0549, 0.1529
CMYK	0.00, 0.05, 0.15, 0.00
HSL	38°, 100%, 92%
HSV	38°, 15%, 100%
XYZ	85.0900, 89.1285, 77.6845
YIQ	242.3360, 16.3690, -4.8070

Conversions

Conversions Part 2

Format	Color
R_{YB}	238, 255, 216
Decimal	16773592
CIE _{Lab}	95.63, 0.71, 13.76
CIE _{LCh}	96, 13.778, 87.042
Yxy	89.1285, 0.3378, 0.3538
Android (android.graphics.Color)	4294963672 (0xFFFFF1D8)
YUV	242.3360, -12.9836, 11.1063
Hunter-Lab	94.4079, -4.3314, 17.2981

Details

The YUV color $242.3360, -12.9836, 11.1063$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $228.6640, 12.9836, -11.1063$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.1510, -12.3994, 10.3916$ is the 20% darker color. If you saturate the color by 10%, you get $234.2030, -21.2991, 18.2390$, and if you desaturate by 10%, it is $250.5830, -4.2314, 3.8737$.

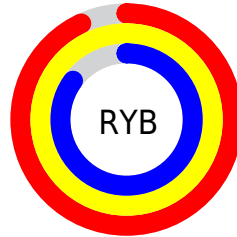
Distribution



Red (100%)

Green (95%)

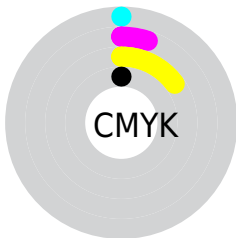
Blue (85%)



Red (93%)

Yellow (100%)

Blue (85%)

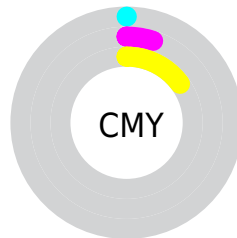


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.3360, -12.9836, 11.1063 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 242.3360, -12.9836, 11.1063 by changing the saturation by 10% instead.

■ 242.3360,
-12.9836, 11.1063

■ 242.3360,
-12.9836, 11.1063

255.0000, 0.0000,
0.0000

■ 214.0370,
-12.8362, 10.4916

■ 186.1510,
-12.3994, 10.3916

■ 159.2650,
-11.9626, 10.2916

■ 133.0800,
-11.3784, 9.5768

■ 107.7810,
-11.2310, 8.9621

■ 83.5960, -10.6468,
8.2473

■ 60.4110, -10.0626,

7.5326

■ 38.2260, -9.4784,
6.8178

■ 17.7530, -8.7522,
7.2326

■ 242.3360,
-12.9836, 11.1063

■ 242.3360,
-12.9836, 11.1063

■ 234.2030,
-21.2991, 18.2390

■ 250.5830, -4.2314,
3.8737

■ 225.9560,
-30.0513, 25.4716

255.0000, 0.0000,
0.0000

■ 217.8230,
-38.3667, 32.6042

■ 208.9890,
-46.8296, 40.3516

■ 200.8560,
-55.1450, 47.4843

■ 192.6090,
-63.8972, 54.7169

■ 184.3620,
-72.6495, 61.9495

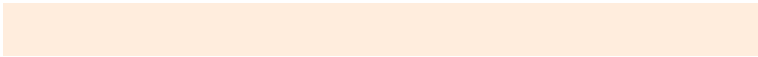
■ 176.2290,
-80.9649, 69.0822

■ 171.9260,
-84.7595, 72.8559

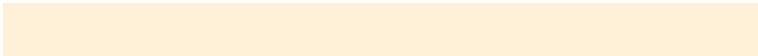
Harmonies

Analogous

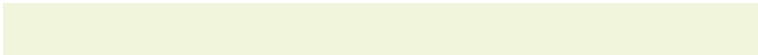
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.5580, -9.6421, 12.6656



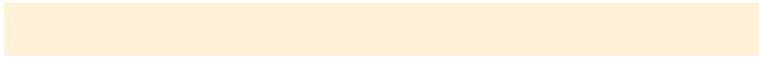
242.3360, -12.9836, 11.1063



240.5410, -10.6197, -0.4745

Triad

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



242.3360, -12.9836, 11.1063



238.1970, 7.7909, -25.6058



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.



242.3360, -12.9836, 11.1063



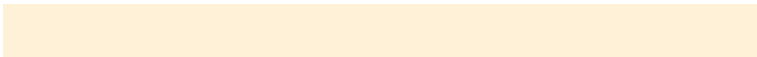
228.6640, 12.9836, -11.1063

Split Complementary

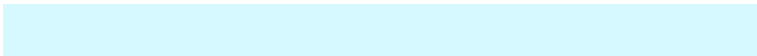
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.3190, 6.2517, 1.4742



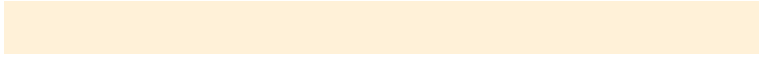
242.3360, -12.9836, 11.1063



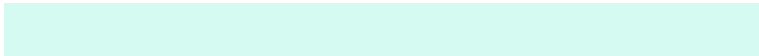
238.6320, 8.0694, -21.6023

Square

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



242.3360, -12.9836, 11.1063



237.9110, 1.5229, -21.8469



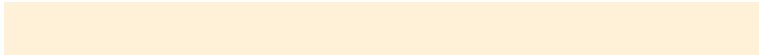
240.1710, 7.3107, -11.5510



241.4190, 1.2724, 11.9105

Rectangle

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



242.3360, -12.9836, 11.1063



239.8820, -7.8298, -8.6665



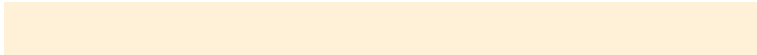
240.1710, 7.3107, -11.5510



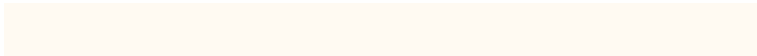
244.1350, 5.3564, 8.6516

Sweetspot

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



242.3360, -12.9836, 11.1063



250.5830, -4.2314, 3.8737



229.2570, 0.3663, 22.5766



125.3270, -2.6262, 2.3442



0.0000, 0.0000, 0.0000



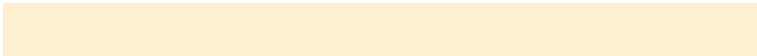
128.0000, 0.0000, 0.0000

Same Dimension

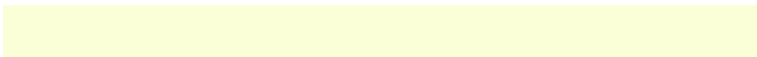
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.3360, -12.9836, 11.1063



240.3640, -15.4625, 12.8358



249.0590, -16.2981, 0.8253



123.5830, -4.2314, 3.8737



129.3100, -63.7498, 54.1021



43.2030, -21.2991, 18.2390

Inverse Universe

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



228.6640, 12.9836, -11.1063



224.2230, 15.1731, -13.3506



221.9410, 16.2981, -0.8253



118.8300, 4.5208, -3.3589



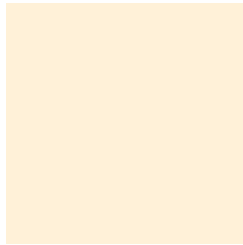
62.2770, 63.4604, -54.6169



20.7970, 21.2991, -18.2390

Previews

White Background



This preview shows how the YUV color 242.3360, -12.9836, 11.1063 looks on a white background.

Color Contrast Check

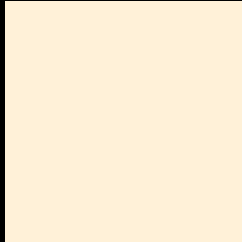
Large Text (above 18pt) WCAG AA × Fail

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 242.3360, -12.9836, 11.1063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

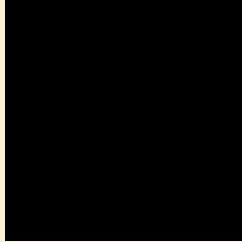
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 242.3360, -12.9836, 11.1063

Background



This preview shows how black text looks on a background with the YUV color 242.3360, -12.9836, 11.1063.

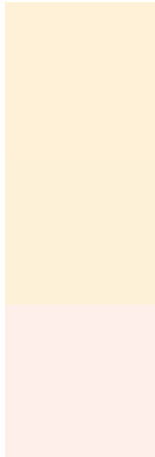


This preview shows how white text looks on a background with the YUV color 242.3360, -12.9836, 11.1063.

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

242.3360, -12.9836, 11.1063

Protanopia

242.3250, -12.9782, 9.3620

Deuteranopia

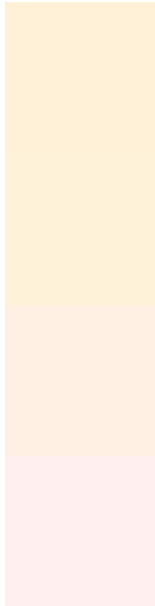
243.2140, -4.5425, 10.3363



Tritanopia

244.5650, 3.1725, 9.1515

Trichromacy



Original Color

242.3360, -12.9836, 11.1063

Protanomaly

242.6240, -13.1256, 9.9768

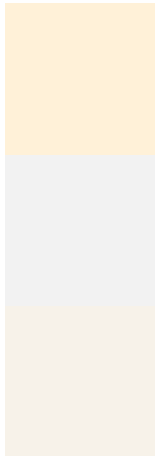
Deuteranomaly

243.0030, -7.8895, 10.5214

Tritanomaly

243.6700, -2.7953, 9.9364

Monochromacy



Original Color

242.3360, -12.9836, 11.1063

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 242.3360, -12.9836, 11.1063 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 216) }
```

Border

The CSS property to change the border of an element to YUV 242.3360, -12.9836, 11.1063 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, 216) }
```


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

```
.border{ border-color:rgb(255, 241, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 242.3360, -12.9836, 11.1063 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
241, 216) }
```

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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