

Converting Colors

YUV(242.2050, -10.9471,
11.2212)

Have a look what the booklet for
YUV(242.2050, -10.9471, 11.2212)
contains.

YUV(242.2050, -10.9471, 11.2212)	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(242.2050, -10.9471,
11.2212)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0DC
RGB	255, 240, 220
RGB Percent	100%, 94%, 86%
CMY	0.0000, 0.0588, 0.1373
CMYK	0.00, 0.06, 0.14, 0.00
HSL	34°, 100%, 93%
HSV	34°, 14%, 100%
XYZ	85.3184, 88.7475, 80.3434
YIQ	242.2050, 15.3600, -3.0400

Conversions

Conversions Part 2

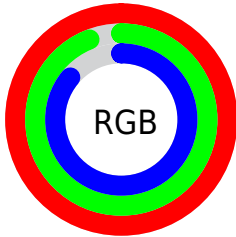
Format	Color
R _Y B	246, 255, 220
Decimal	16773340
CIE Lab	95.47, 1.83, 11.47
CIE LCh	95, 11.614, 80.943
Yxy	88.7475, 0.3354, 0.3488
Android (android.graphics.Color)	4294963420 (0xFFFFF0DC)
YUV	242.2050, -10.9471, 11.2212
Hunter-Lab	94.2059, -3.2003, 15.3787

Details

The YUV color $242.2050, -10.9471, 11.2212$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.7950, 10.9471, -11.2212$, 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 $186.0200, -10.3629, 10.5065$ is the 20% darker color. If you saturate the color by 10%, you get $232.8980, -18.6837, 19.3835$, and if you desaturate by 10%, it is $251.6260, -2.7736, 2.9590$.

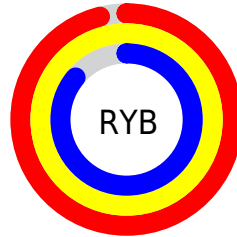
Distribution



Red (100%)

Green (94%)

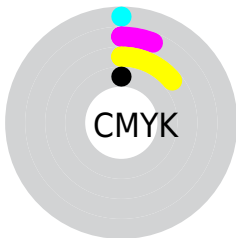
Blue (86%)



Red (96%)

Yellow (100%)

Blue (86%)

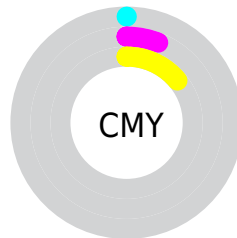


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.2050, -10.9471, 11.2212 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 242.2050, -10.9471, 11.2212 by changing the saturation by 10% instead.

242.2050,
-10.9471, 11.2212

242.2050,
-10.9471, 11.2212

255.0000, 0.0000,
0.0000

213.9060,
-10.7997, 10.6064

186.0200,
-10.3629, 10.5065

159.1340, -9.9261,
10.4065

132.8350, -9.7787,
9.7917

107.6500, -9.1944,
9.0770

83.3510, -9.0470,
8.4622

60.1660, -8.4628,

7.7474

■ 38.3940, -7.5892,
7.5475

■ 17.4650, -8.6102,
8.3622

■ 242.2050,
-10.9471, 11.2212

■ 242.2050,
-10.9471, 11.2212

■ 232.8980,
-18.6837, 19.3835

■ 251.6260, -2.7736,
2.9590

■ 223.4770,
-26.8572, 27.6457

255.0000, 0.0000,
0.0000

■ 214.1700,
-34.5938, 35.8079

■ 204.7490,
-42.7673, 44.0701

■ 195.4420,
-50.5039, 52.2324

■ 186.0210,
-58.6774, 60.4946

■ 176.7140,
-66.4140, 68.6568

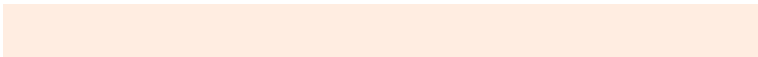
■ 167.8800,
-74.8768, 76.4042

■ 161.9470,
-79.8399, 81.6075

Harmonies

Analogous

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



241.0140, -7.8949, 12.2657



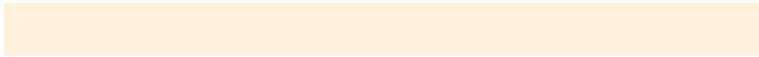
242.2050, -10.9471, 11.2212



241.0790, -9.8989, 1.6847

Triad

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



242.2050, -10.9471, 11.2212



238.6490, 5.5960, -21.6172



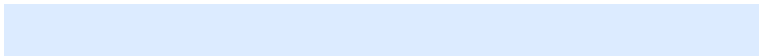
244.1350, 5.3564, 8.6516

Complementary

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



242.2050, -10.9471, 11.2212



232.7950, 10.9471, -11.2212

Split Complementary

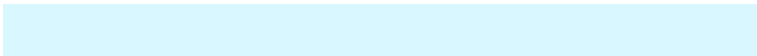
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.7100, 6.5520, -1.4997



242.2050, -10.9471, 11.2212



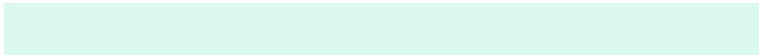
238.9420, 7.9166, -19.2431

Square

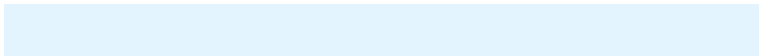
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.2050, -10.9471, 11.2212



238.7760, -0.3826, -17.3436



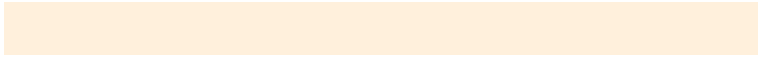
240.1710, 7.3107, -11.5510



242.2340, 1.8566, 11.1958

Rectangle

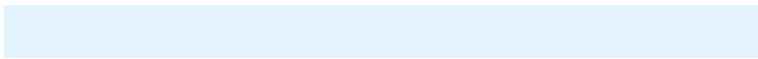
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.2050, -10.9471, 11.2212



240.0180, -7.4039, -5.2778



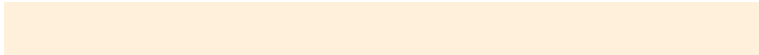
240.1710, 7.3107, -11.5510



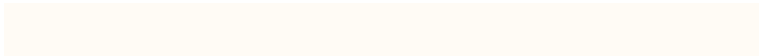
243.2270, 5.8041, 5.0629

Sweetspot

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



242.2050, -10.9471, 11.2212



251.5120, -3.2104, 3.0590



232.1750, 1.3927, 20.0175



125.4410, -2.1894, 2.2442



0.0000, 0.0000, 0.0000



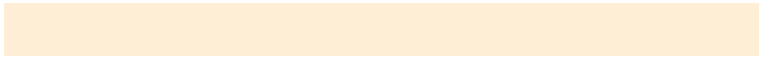
128.0000, 0.0000, 0.0000

Same Dimension

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



242.2050, -10.9471, 11.2212



240.3470, -12.9891, 12.8507



250.4120, -14.9931, 2.2697



122.9960, -3.9420, 4.3885



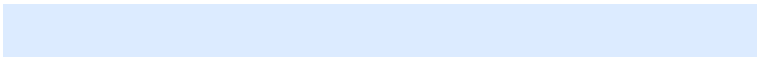
121.0920, -59.6984, 61.3093



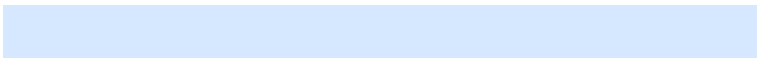
40.2680, -19.8521, 20.8130

Inverse Universe

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



232.7950, 10.9471, -11.2212



229.2400, 12.6997, -13.3655



224.5880, 14.9931, -2.2697



119.4170, 4.2314, -3.8737



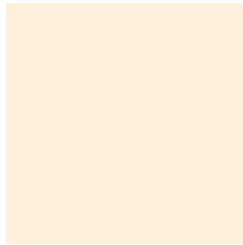
69.9080, 59.6984, -61.3093



23.1450, 20.1415, -20.2982

Previews

White Background



This preview shows how the YUV color 242.2050, -10.9471, 11.2212 looks on a white background.

Color Contrast Check

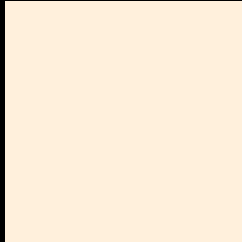
Large Text (above 18pt) WCAG AA × Fail

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 242.2050, -10.9471, 11.2212 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

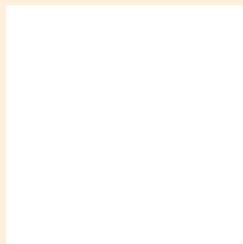
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.2050, -10.9471, 11.2212

Background



This preview shows how black text looks on a background with the YUV color 242.2050, -10.9471, 11.2212.

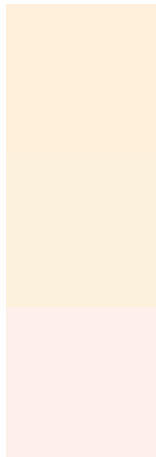


This preview shows how white text looks on a background with the YUV color 242.2050, -10.9471,

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

242.2050, -10.9471, 11.2212

Protanopia

241.7100, -10.2100, 8.1473

Deuteranopia

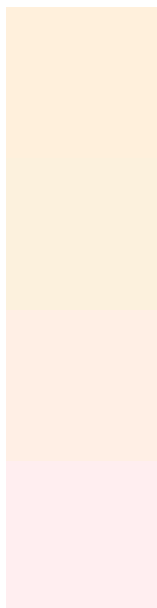
243.2140, -4.5425, 10.3363



Tritanopia

243.9780, 3.4618, 9.6663

Trichromacy



Original Color

242.2050, -10.9471, 11.2212

Protanomaly

242.0090, -10.3574, 8.7621

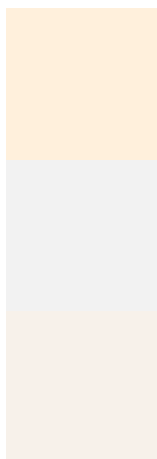
Deuteranomaly

242.6440, -6.7265, 10.8362

Tritanomaly

243.3110, -1.6323, 10.2513

Monochromacy



Original Color

242.2050, -10.9471, 11.2212

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.9960, -3.9420, 4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.2050, -10.9471, 11.2212 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, 240, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 220)  
}
```

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, 240, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 220) }
```

Border

The CSS property to change the border of an element to YUV 242.2050, -10.9471, 11.2212 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, 240, 220) }
```


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

```
.border{ border-color:rgb(255, 240, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 242.2050, -10.9471, 11.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 220) }
```

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

```
.background{ background-color: rgb(255,  
240, 220) }
```

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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