

Converting Colors

YUV(245.6500, -29.4074,
5.5690)

Have a look what the booklet for
YUV(245.6500, -29.4074, 5.5690)
contains.

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Color

**YUV(245.6500, -29.4074,
5.5690)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFEBA
RGB	252, 254, 186
RGB Percent	99%, 100%, 73%
CMY	0.0118, 0.0039, 0.2706
CMYK	0.01, 0.00, 0.27, 0.00
HSL	62°, 97%, 86%
HSV	62°, 27%, 100%
XYZ	84.4496, 95.1242, 60.3642
YIQ	245.6500, 20.6360, -21.5720

Conversions

Conversions Part 2

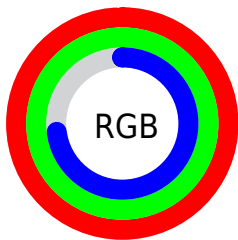
Format	Color
R_{YB}	186, 254, 188
Decimal	16580282
CIE _{Lab}	98.08, -11.06, 32.40
CIE _{LCh}	98, 34.231, 108.846
Yxy	95.1242, 0.3520, 0.3965
Android (android.graphics.Color)	4294770362 (0xFFFCFEBA)
YUV	245.6500, -29.4074, 5.5690
Hunter-Lab	97.5317, -16.1228, 31.5764

Details

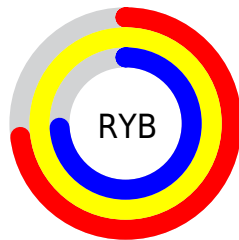
The YUV color $245.6500, -29.4074, 5.5690$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $194.3500, 29.4075, -5.5689$, and the grayscale version is $246.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, -5.2416, 1.1997$, and $188.9920, -28.0971, 5.2690$ is the 20% darker color. If you saturate the color by 10%, you get $242.5010, -40.1800, 7.4536$, and if you desaturate by 10%, it is $248.7990, -18.6349, 3.6843$.

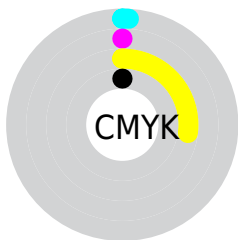
Distribution



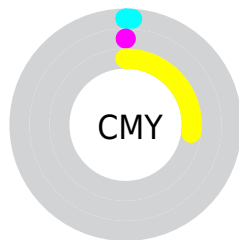
- Red (99%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 245.6500, -29.4074, 5.5690 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 245.6500, -29.4074, 5.5690 by changing the saturation by 10% instead.


 245.6500,
-29.4074, 5.5690


 245.6500,
-29.4074, 5.5690


255.0000, 0.0000,
0.0000

 216.8780,
-28.5339, 5.3690


 253.6320, -5.2416,
1.1997

 188.9920,
-28.0971, 5.2690

 161.9210,
-27.0761, 4.4543

 135.7360,
-26.4918, 3.7395

 109.9640,
-25.6183, 3.5396

 85.3660, -25.3234,
2.3100

 61.3660, -25.3234,

2.3100

■ 40.7340, -20.0819,
1.1103

■ 20.6330, -10.1721,
-4.0631

■ 245.6500,
-29.4074, 5.5690

■ 245.6500,
-29.4074, 5.5690

■ 242.5010,
-40.1800, 7.4536

■ 248.7990,
-18.6349, 3.6843

■ 239.5370,
-51.5367, 10.0531

■ 251.7630, -7.2782,
1.0848

■ 236.3880,
-62.3093, 11.9377

■ 254.1140, 0.4368,
-0.1000

■ 233.1250,
-73.5186, 13.9224

■ 254.4130, 0.2894,
0.5148

■ 229.9760,
-84.2912, 15.8070

■ 227.1260,
-95.2111, 18.3065

■ 223.8630,
-106.4205, 20.2911

■ 222.9510,
-109.9148, 21.0910

Harmonies

Analogous

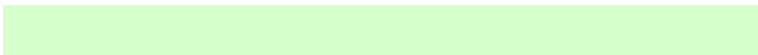
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.9760, -27.1032, 13.1760



245.6500, -29.4074, 5.5690



237.0410, -15.7962, -20.2070

Triad

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



245.6500, -29.4074, 5.5690



225.6980, 14.4459, -60.2481



237.9770, 8.3923, 14.9292

Complementary

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



245.6500, -29.4074, 5.5690



194.3500, 29.4075, -5.5689

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.



242.6730, 6.0772, 10.8108



245.6500, -29.4074, 5.5690



235.8640, 9.4340, -39.3457

Square

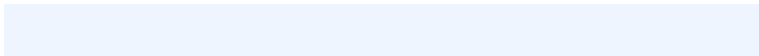
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.6500, -29.4074, 5.5690



224.5020, 15.0355, -62.7073



244.0470, 5.3998, -5.3032



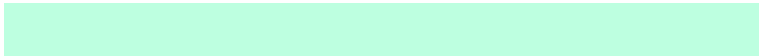
235.0130, -2.9644, 17.5286

Rectangle

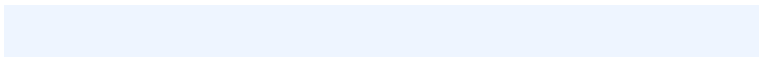
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.6500, -29.4074, 5.5690



231.7320, -3.8119, -37.4760



244.0470, 5.3998, -5.3032



239.1510, 7.8136, 13.8996

Sweetspot

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



245.6500, -29.4074, 5.5690



252.4210, -8.5886, 1.3848



206.9190, -10.3131, 41.2900



126.2190, -5.5310, 0.6849



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

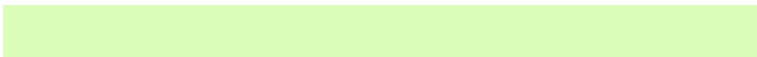
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.6500, -29.4074, 5.5690



245.0540, -35.5226, 6.9686



235.7830, -24.5430, -14.7187



126.2190, -5.5310, 0.6849



167.7310, -82.6914, 16.0219



56.1060, -27.6603, 5.1690

Inverse Universe

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



194.3500, 29.4075, -5.5689



183.2450, 35.3752, -6.3539



204.2170, 24.5430, 14.7187



116.4820, 5.6784, -1.2997



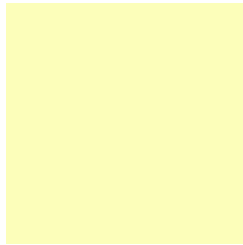
23.5680, 82.5440, -15.4071



7.8940, 27.6603, -5.1690

Previews

White Background



This preview shows how the YUV color 245.6500, -29.4074, 5.5690 looks on a white background.

Color Contrast Check

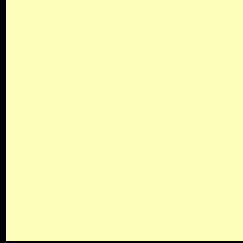
Large Text (above 18pt) WCAG AA × Fail

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 245.6500, -29.4074, 5.5690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

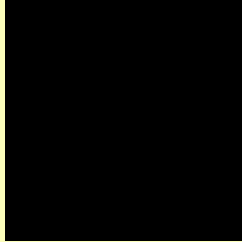
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 245.6500, -29.4074, 5.5690

Background



This preview shows how black text looks on a background with the YUV color 245.6500, -29.4074, 5.5690.

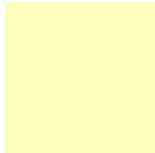


This preview shows how white text looks on a background with the YUV color 245.6500, -29.4074,

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

245.6500, -29.4074, 5.5690

Protanopia

248.8560, -8.3100, 5.3883

Deuteranopia

249.5230, -3.2158, 4.8033

Tritanopia

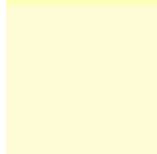
250.0050, 2.4625, 3.5036

Trichromacy



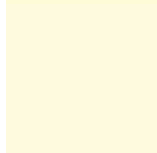
Original Color

245.6500, -29.4074, 5.5690



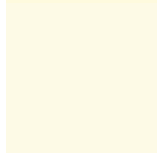
Protanomaly

247.7930, -16.1669, 5.4435



Deuteranomaly

248.0040, -12.8200, 5.2585



Tritanomaly

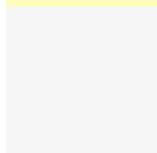
248.6170, -9.1782, 3.8439

Monochromacy



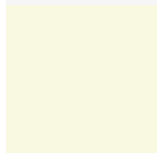
Original Color

245.6500, -29.4074, 5.5690



Achromatopsia

246.0000, 0.0000, 0.0000



Achromatomaly

245.8510, -10.7725, 1.8847

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.6500, -29.4074, 5.5690 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(252, 254, 186)` looks like.

```
.text, #text, p{  
    color:rgb(252, 254, 186)  
}
```

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(252, 254, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 254, 186) }
```

Border

The CSS property to change the border of an element to YUV 245.6500, -29.4074, 5.5690 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(252, 254, 186) }
```


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

```
.border{ border-color:rgb(252, 254, 186) }
```

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

Here you see how a box with a 4 pixel rgb(252, 254, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 254, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 254, 186);  
box-shadow:4px 4px 4px 4px rgb(252, 254,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 245.6500, -29.4074, 5.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 254, 186) }
```

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

```
.background{ background-color: rgb(252,  
254, 186) }
```

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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