

Converting Colors

YUV(245.8280, -9.2822, -9.4962)

Have a look what the booklet for
YUV(245.8280, -9.2822, -9.4962)
contains.

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Color

**YUV(245.8280, -9.2822,
-9.4962)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFFE3
RGB	235, 255, 227
RGB Percent	92%, 100%, 89%
CMY	0.0784, 0.0000, 0.1098
CMYK	0.08, 0.00, 0.11, 0.00
HSL	103°, 100%, 95%
HSV	103°, 11%, 100%
XYZ	83.8861, 94.7282, 86.5362
YIQ	245.8280, -2.9320, -12.9480

Conversions

Conversions Part 2

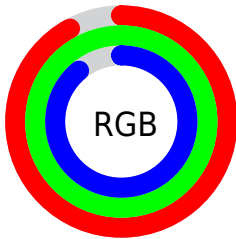
Format	Color
R _Y B	227, 255, 247
Decimal	15466467
CIE _{Lab}	97.92, -11.45, 11.16
CIE _{LCh}	98, 15.989, 135.713
Y _{xy}	94.7282, 0.3164, 0.3573
Android (android.graphics.Color)	4293656547 (0xFFEBFFE3)
YUV	245.8280, -9.2822, -9.4962
Hunter-Lab	97.3284, -16.4780, 15.4143

Details

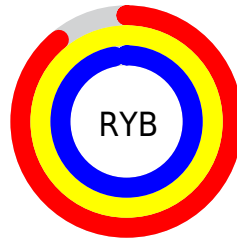
The YUV color $245.8280, -9.2822, -9.4962$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $236.1720, 9.2822, 9.4962$, and the grayscale version is $246.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $189.3550, -8.5560, -9.0813$ is the 20% darker color. If you saturate the color by 10%, you get $237.5960, -17.5488, -18.0627$, and if you desaturate by 10%, it is $254.0600, -1.0156, -0.9296$.

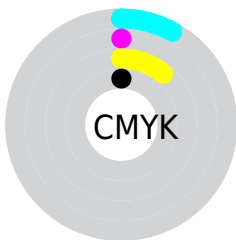
Distribution



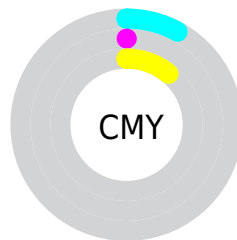
- Red (92%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 245.8280, -9.2822, -9.4962 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 245.8280, -9.2822, -9.4962 by changing the saturation by 10% instead.


 245.8280, -9.2822,
-9.4962


 245.8280, -9.2822,
-9.4962

255.0000, 0.0000,
0.0000


 217.2410, -8.9928,
-8.9814

 189.3550, -8.5560,
-9.0813

 162.3550, -8.5560,
-9.0813

 135.7680, -8.2666,
-8.5665

 110.8820, -7.8298,
-8.6665

 86.2950, -7.5404,
-8.1517

 62.7080, -7.2510,

-7.6369

■ 40.8220, -6.8142,
-7.7369

■ 19.5510, -9.1456,
-6.6222

■ 245.8280, -9.2822,
-9.4962

■ 245.8280, -9.2822,
-9.4962

■ 237.5960,
-17.5488, -18.0627

■ 254.0600, -1.0156,
-0.9296

■ 229.2500,
-26.2523, -26.5293

■ 255.0000, 0.0000,
0.0000

■ 220.6050,
-34.8083, -35.6106

■ 212.3730,
-43.0749, -44.1771

■ 204.0270,
-51.7783, -52.6437

■ 195.7950,
-60.0449, -61.2102

■ 187.5630,
-68.3116, -69.7768

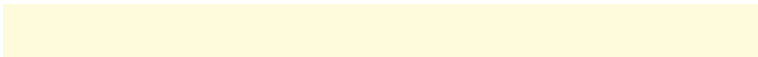
■ 178.9180,
-76.8676, -78.8581

■ 171.5120,
-84.5554, -86.3950

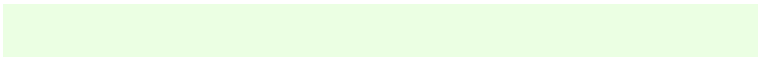
Harmonies

Analogous

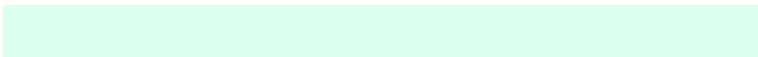
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.9500, -14.2723, 4.4289



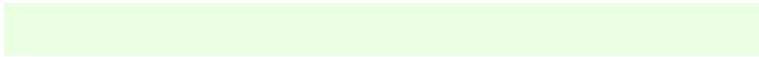
245.8280, -9.2822, -9.4962



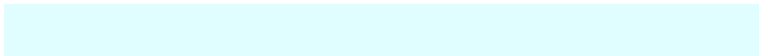
242.6400, -0.8085, -20.7323

Triad

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



245.8280, -9.2822, -9.4962



244.5570, 5.1484, -18.0285



244.0120, -1.4849, 9.6365

Complementary

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



245.8280, -9.2822, -9.4962



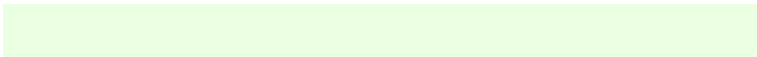
236.1720, 9.2822, 9.4962

Split Complementary

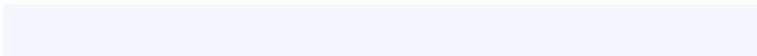
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.6080, 4.6303, 8.2368



245.8280, -9.2822, -9.4962



247.3030, 3.7946, -3.7737

Square

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



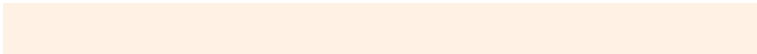
245.8280, -9.2822, -9.4962



242.1430, 6.3385, -26.4354



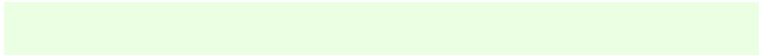
247.9560, 3.4727, 6.1776



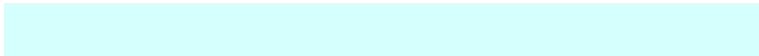
243.5900, -8.1789, 10.0066

Rectangle

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



245.8280, -9.2822, -9.4962



241.8010, 5.0281, -26.1355



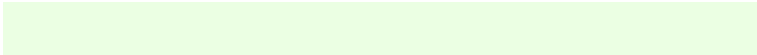
247.9560, 3.4727, 6.1776



244.1090, 1.4253, 9.5514

Sweetspot

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



245.8280, -9.2822, -9.4962



252.5930, -2.7573, -2.2741



247.1120, -9.9152, 6.9178



126.1200, -2.0312, -1.8592



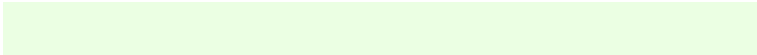
0.0000, 0.0000, 0.0000



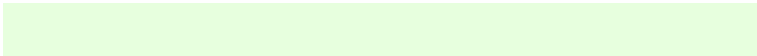
128.0000, 0.0000, 0.0000

Same Dimension

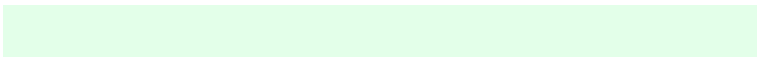
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.8280, -9.2822, -9.4962



244.0620, -10.8766, -11.4554



244.1200, -5.4822, -15.0142



123.5280, -4.2043, -4.8481



128.5620, -63.3811, -64.5139



42.9500, -21.1743, -21.8811

Inverse Universe

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



236.1720, 9.2822, 9.4962



232.9380, 10.8766, 11.4554



237.8800, 5.4822, 15.0142



119.1730, 4.3517, 4.2333



62.7370, 63.2337, 65.1287



21.0500, 21.1744, 21.8811

Previews

White Background



This preview shows how the YUV color 245.8280, -9.2822, -9.4962 looks on a white background.

Color Contrast Check

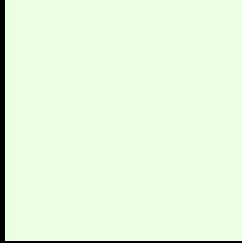
Large Text (above 18pt) WCAG AA × Fail

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 245.8280, -9.2822, -9.4962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

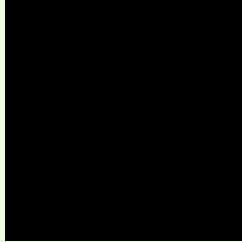
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

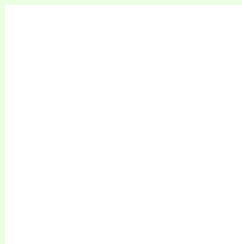
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 245.8280, -9.2822, -9.4962

Background



This preview shows how black text looks on a background with the YUV color 245.8280, -9.2822, -9.4962.



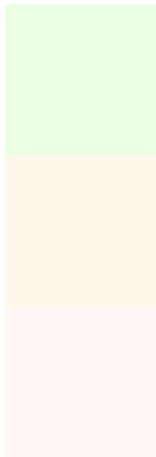
This preview shows how white text looks on a background with the YUV color 245.8280, -9.2822, -9.4962.

-9.4962.

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

245.8280, -9.2822, -9.4962

Protanopia

248.4970, -7.1470, 5.7031

Deuteranopia

249.1640, -2.0529, 5.1182

Tritanopia

249.0860, 2.9156, -1.8294

Trichromacy



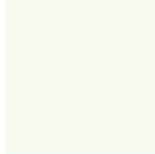
Original Color

245.8280, -9.2822, -9.4962



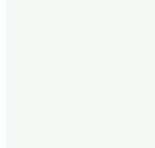
Protanomaly

247.8230, -8.2937, 0.1552



Deuteranomaly

248.0340, -4.9468, -0.0298



Tritanomaly

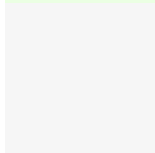
247.9240, -1.4415, -4.3183

Monochromacy



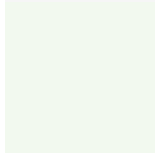
Original Color

245.8280, -9.2822, -9.4962



Achromatopsia

246.0000, 0.0000, 0.0000



Achromatomaly

245.7670, -3.3361, -3.3037

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.8280, -9.2822, -9.4962 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(235, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 227)  
}
```

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(235, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 227) }
```

Border

The CSS property to change the border of an element to YUV 245.8280, -9.2822, -9.4962 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(235, 255, 227) }
```


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

```
.border{ border-color:rgb(235, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 245.8280, -9.2822, -9.4962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 227) }
```

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

```
.background{ background-color: rgb(235,  
255, 227) }
```

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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