

Converting Colors

YUV(242.5090, -15.5339,
-10.9704)

Have a look what the booklet for
YUV(242.5090, -15.5339, -10.9704)
contains.

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Color

**YUV(242.5090, -15.5339,
-10.9704)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFD3
RGB	230, 255, 211
RGB Percent	90%, 100%, 83%
CMY	0.0980, 0.0000, 0.1725
CMYK	0.10, 0.00, 0.17, 0.00
HSL	94°, 100%, 91%
HSV	94°, 17%, 100%
XYZ	80.1510, 93.0461, 75.3633
YIQ	242.5090, -0.7760, -18.9840

Conversions

Conversions Part 2

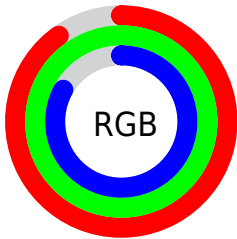
Format	Color
R _Y B	211, 255, 236
Decimal	15138771
CIE Lab	97.25, -15.75, 18.34
CIE LCh	97, 24.172, 130.656
Yxy	93.0461, 0.3225, 0.3743
Android (android.graphics.Color)	4293328851 (0xFFE6FFD3)
YUV	242.5090, -15.5339, -10.9704
Hunter-Lab	96.4604, -20.4863, 21.1998

Details

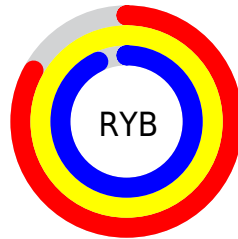
The YUV color $242.5090, -15.5339, -10.9704$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $223.4910, 15.5339, 10.9704$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.0360, -14.8077, -10.5556$ is the 20% darker color. If you saturate the color by 10%, you get $235.3590, -24.8270, -16.9778$, and if you desaturate by 10%, it is $249.5450, -6.6777, -4.8630$.

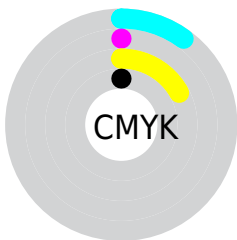
Distribution



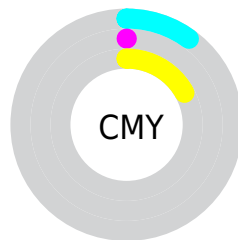
- Red (90%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.5090, -15.5339, -10.9704 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 242.5090, -15.5339, -10.9704 by changing the saturation by 10% instead.

■ 242.5090,
-15.5339, -10.9704

■ 242.5090,
-15.5339, -10.9704

255.0000, 0.0000,
0.0000

■ 213.9220,
-15.2445, -10.4556

■ 186.0360,
-14.8077, -10.5556

■ 159.1500,
-14.3709, -10.6555

■ 132.6770,
-13.6448, -10.2407

■ 107.7910,
-13.2080, -10.3407

■ 83.2040, -12.9186,
-9.8259

■ 59.7310, -12.1924,

-9.4111

■ 37.8450, -11.7556,
-9.5111

■ 16.4360, -8.1029,
-14.4144

■ 242.5090,
-15.5339, -10.9704

■ 242.5090,
-15.5339, -10.9704

■ 235.3590,
-24.8270, -16.9778

■ 249.5450, -6.6777,
-4.8630

■ 228.0240,
-33.5358, -23.7000

255.0000, 0.0000,
0.0000

■ 220.8740,
-42.8289, -29.7075

■ 213.5390,
-51.5377, -36.4297

■ 206.3890,
-60.8308, -42.4372

■ 199.0540,
-69.5396, -49.1594

■ 191.9040,
-78.8327, -55.1668

■ 184.5690,
-87.5415, -61.8890

■ 182.5750,
-90.0095, -63.6483

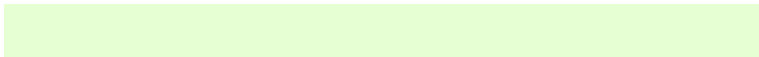
Harmonies

Analogous

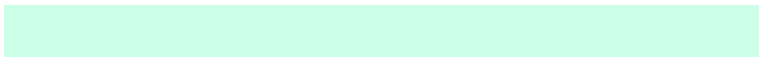
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.7350, -21.5614, 9.0024



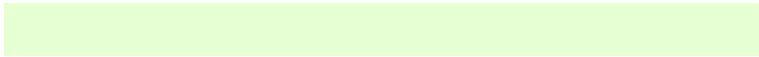
242.5090, -15.5339, -10.9704



237.0150, -2.9654, -28.9542

Triad

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



242.5090, -15.5339, -10.9704



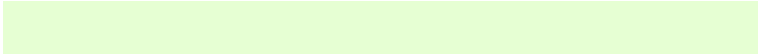
238.5660, 8.1020, -32.0684



239.0880, -0.0434, 13.9548

Complementary

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



242.5090, -15.5339, -10.9704



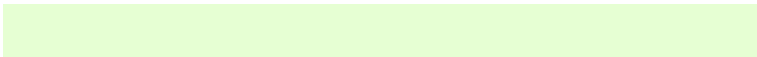
223.4910, 15.5339, 10.9704

Split Complementary

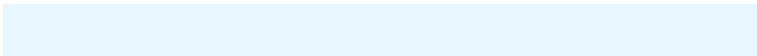
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.4990, 6.6560, 11.8404



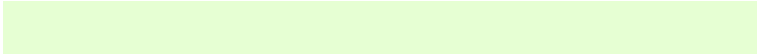
242.5090, -15.5339, -10.9704



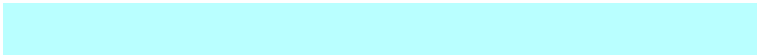
242.5410, 6.1423, -10.1215

Square

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



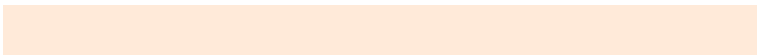
242.5090, -15.5339, -10.9704



234.0700, 10.3185, -43.0344



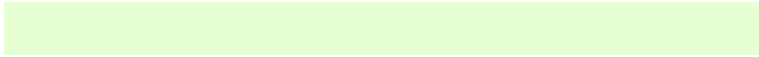
245.0210, 4.9196, 8.7516



238.3410, -10.5211, 14.6099

Rectangle

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



242.5090, -15.5339, -10.9704



234.9520, 5.9397, -38.5459



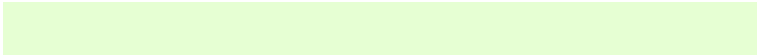
245.0210, 4.9196, 8.7516



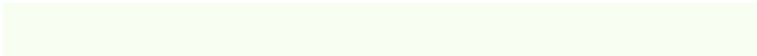
240.0000, 3.4510, 13.1550

Sweetspot

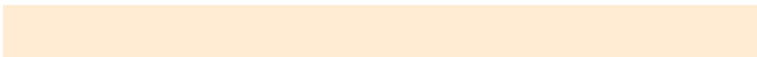
The Sweet Spot groups the original color and five complimentary colors.



242.5090, -15.5339, -10.9704



251.4250, -4.6465, -3.0037



238.8310, -13.7207, 14.1802



125.5930, -2.7573, -2.2741



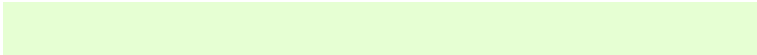
0.0000, 0.0000, 0.0000



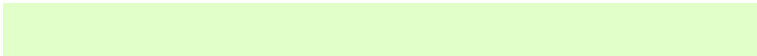
128.0000, 0.0000, 0.0000

Same Dimension

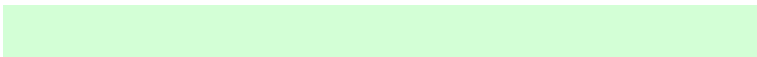
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.5090, -15.5339, -10.9704



239.8740, -19.1649, -13.0445



237.1700, -11.4228, -22.9511



124.1260, -4.4991, -3.6185



136.9340, -67.5085, -47.3001



45.9400, -22.6484, -15.7334

Inverse Universe

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



223.4910, 15.5339, 10.9704



216.4250, 19.0175, 13.6593



228.8300, 11.4228, 22.9511



118.5750, 4.6465, 3.0037



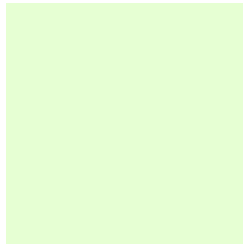
54.3650, 67.3611, 47.9149



18.0600, 22.6484, 15.7334

Previews

White Background



This preview shows how the YUV color 242.5090, -15.5339, -10.9704 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 242.5090, -15.5339, -10.9704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

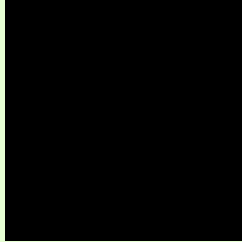
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

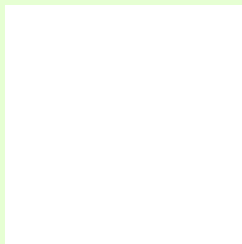
Any Text WCAG AAA ✓ Pass

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

YUV 242.5090, -15.5339, -10.9704 Background



This preview shows how black text looks on a background with the YUV color 242.5090, -15.5339, -10.9704.



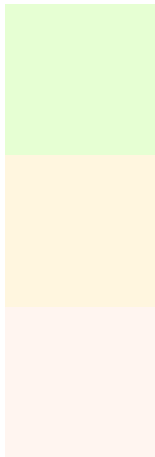
This preview shows how white text looks on a background with the YUV color 242.5090, -15.5339, -10.9704.

-10.9704.

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

242.5090, -15.5339, -10.9704

Protanopia

246.0690, -11.3730, 7.8325

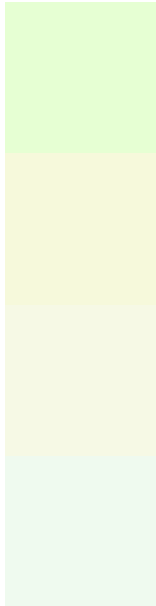
Deuteranopia

247.4200, -3.6581, 6.6477

Tritanopia

247.0150, 3.9366, -2.6442

Trichromacy



Original Color

242.5090, -15.5339, -10.9704

Protanomaly

244.6830, -12.6617, 1.1550

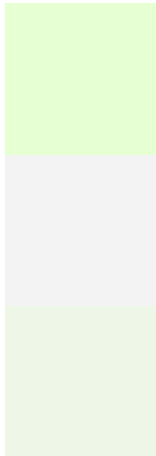
Deuteranomaly

245.8230, -8.2937, 0.1552

Tritanomaly

245.4570, -3.1833, -5.6628

Monochromacy



Original Color

242.5090, -15.5339, -10.9704

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.4850, -5.6621, -3.9333

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.5090, -15.5339, -10.9704 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(230, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 211)  
}
```

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(230, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 211) }
```

Border

The CSS property to change the border of an element to YUV 242.5090, -15.5339, -10.9704 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(230, 255, 211) }
```


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

```
.border{ border-color:rgb(230, 255, 211) }
```

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

Here you see how a box with a 4 pixel rgb(230, 255, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 242.5090, -15.5339, -10.9704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 211) }
```

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

```
.background{ background-color: rgb(230,  
255, 211) }
```

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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