

Converting Colors

YUV(243.2190, -25.7440,
-2.8231)

Have a look what the booklet for
YUV(243.2190, -25.7440, -2.8231)
contains.

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Color

**YUV(243.2190, -25.7440,
-2.8231)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFBF
RGB	240, 255, 191
RGB Percent	94%, 100%, 75%
CMY	0.0588, 0.0000, 0.2510
CMYK	0.06, 0.00, 0.25, 0.00
HSL	74°, 100%, 87%
HSV	74°, 25%, 100%
XYZ	81.0992, 93.8069, 63.1224
YIQ	243.2190, 11.6040, -23.0840

Conversions

Conversions Part 2

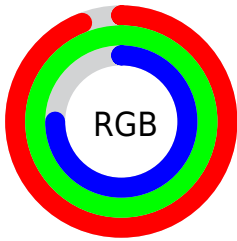
Format	Color
RYB	191, 255, 206
Decimal	15794111
CIELab	97.55, -15.22, 29.02
CIELCh	98, 32.767, 117.677
Yxy	93.8069, 0.3407, 0.3941
Android (android.graphics.Color)	4293984191 (0xFFFF0FFBF)
YUV	243.2190, -25.7440, -2.8231
Hunter-Lab	96.8539, -20.0302, 29.1568

Details

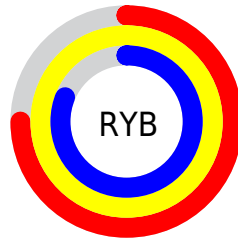
The YUV color $243.2190, -25.7440, -2.8231$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $202.7810, 25.7440, 2.8231$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.2020, -3.0576, 0.6998$, and $186.5610, -24.4336, -3.1230$ is the 20% darker color. If you saturate the color by 10%, you get $238.5750, -35.7795, -4.0123$, and if you desaturate by 10%, it is $247.9770, -15.2717, -1.7338$.

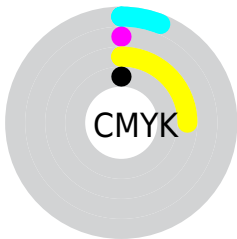
Distribution



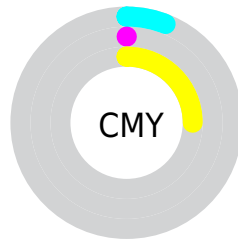
- Red (94%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (81%)



- Cyan (6%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.2190, -25.7440, -2.8231 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 243.2190, -25.7440, -2.8231 by changing the saturation by 10% instead.

■ 243.2190,
-25.7440, -2.8231

■ 243.2190,
-25.7440, -2.8231

255.0000, 0.0000,
0.0000

■ 214.4470,
-24.8704, -3.0230

■ 254.2020, -3.0576,
0.6998

■ 186.5610,
-24.4336, -3.1230

■ 159.6750,
-23.9968, -3.2230

■ 133.3160,
-22.8338, -2.9081

■ 108.1310,
-22.2496, -3.6229

■ 83.2450, -21.8128,
-3.7229

■ 59.4730, -20.9392,

-3.9228

■ 38.3420, -18.9026,
-3.8079

■ 17.3330, -8.5452,
-12.5700

■ 243.2190,
-25.7440, -2.8231

■ 243.2190,
-25.7440, -2.8231

■ 238.5750,
-35.7795, -4.0123

■ 247.9770,
-15.2717, -1.7338

■ 233.8170,
-46.2518, -5.1015

■ 252.6210, -5.2362,
-0.5446

■ 229.1730,
-56.2873, -6.2907

255.0000, 0.0000,
0.0000

■ 224.4150,
-66.7596, -7.3800

■ 219.7710,
-76.7951, -8.5692

■ 215.0130,
-87.2674, -9.6584

■ 210.3690,
-97.3029, -10.8476

■ 207.9900,
-102.5391, -11.3922

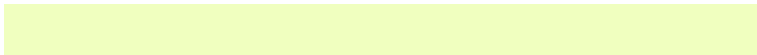
Harmonies

Analogous

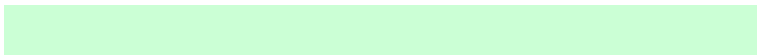
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.0360, -28.1187, 12.2464



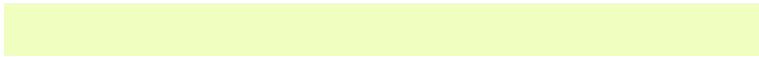
243.2190, -25.7440, -2.8231



234.6640, -10.6804, -27.7693

Triad

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



243.2190, -25.7440, -2.8231



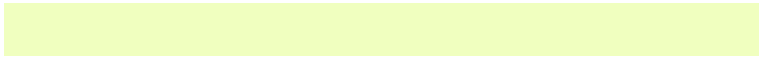
228.9870, 12.8244, -53.4856



237.0480, 7.3713, 15.7439

Complementary

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



243.2190, -25.7440, -2.8231



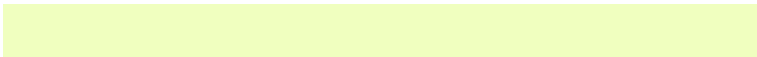
202.7810, 25.7440, 2.8231

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.



240.9120, 6.9454, 12.3552



243.2190, -25.7440, -2.8231



238.5880, 8.0911, -28.5797

Square

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



243.2190, -25.7440, -2.8231



225.1000, 14.7407, -61.4777



245.2870, 4.7885, 4.1333



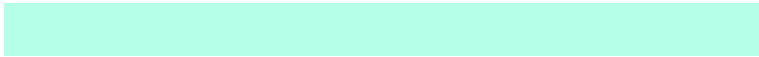
234.5740, -7.1850, 17.9136

Rectangle

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



243.2190, -25.7440, -2.8231



230.3660, 1.2986, -43.2940



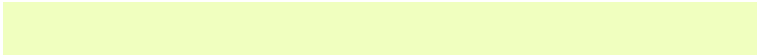
245.2870, 4.7885, 4.1333



237.9770, 8.3923, 14.9292

Sweetspot

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



243.2190, -25.7440, -2.8231



251.2250, -7.9989, -1.0743



218.9410, -13.7749, 31.6237



125.6210, -5.2362, -0.5446



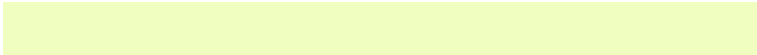
0.0000, 0.0000, 0.0000



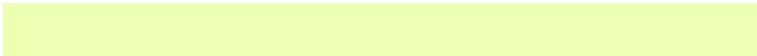
128.0000, 0.0000, 0.0000

Same Dimension

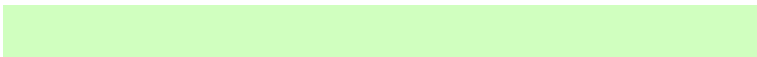
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.2190, -25.7440, -2.8231



240.9540, -30.5433, -3.4677



233.6510, -21.0269, -22.4959



125.6210, -5.2362, -0.5446



155.7710, -76.7951, -8.5692



52.2190, -25.7440, -2.8231

Inverse Universe

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



202.7810, 25.7440, 2.8231



192.7470, 30.6907, 2.8529



212.3490, 21.0269, 22.4959



117.3790, 5.2362, 0.5446



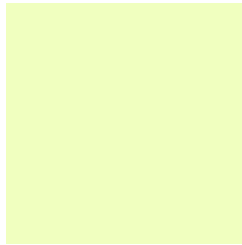
35.2290, 76.7951, 8.5692



11.7810, 25.7440, 2.8231

Previews

White Background



This preview shows how the YUV color 243.2190, -25.7440, -2.8231 looks on a white background.

Color Contrast Check

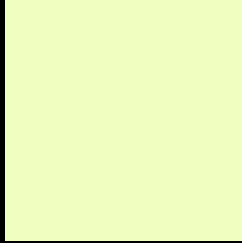
Large Text (above 18pt) WCAG AA × Fail

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 243.2190, -25.7440, -2.8231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

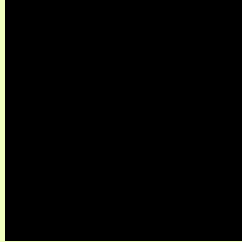
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

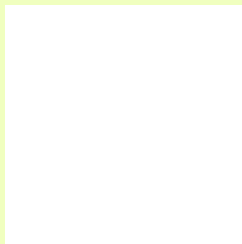
Any Text WCAG AAA ✓ Pass

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

YUV 243.2190, -25.7440, -2.8231 Background



This preview shows how black text looks on a background with the YUV color 243.2190, -25.7440, -2.8231.



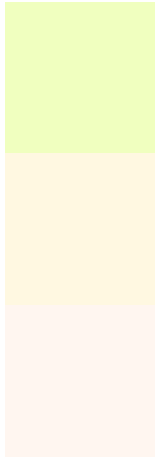
This preview shows how white text looks on a background with the YUV color 243.2190, -25.7440,

-2.8231.

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

243.2190, -25.7440, -2.8231

Protanopia

247.4710, -11.0782, 6.6029

Deuteranopia

248.0070, -3.9475, 6.1329

Tritanopia

248.5100, 3.1996, 0.4297

Trichromacy



Original Color

243.2190, -25.7440, -2.8231



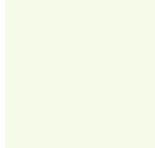
Protanomaly

246.3690, -16.4509, 3.1844



Deuteranomaly

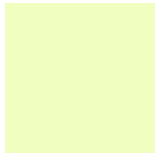
246.2210, -11.9410, 3.3142



Tritanomaly

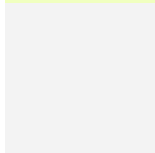
246.7520, -7.2727, -0.6595

Monochromacy



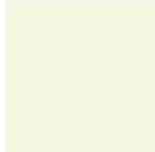
Original Color

243.2190, -25.7440, -2.8231



Achromatopsia

243.0000, 0.0000, 0.0000



Achromatomaly

242.8830, -9.3093, -0.7744

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.2190, -25.7440, -2.8231 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(240, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 191)  
}
```

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(240, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 191) }
```

Border

The CSS property to change the border of an element to YUV 243.2190, -25.7440, -2.8231 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(240, 255, 191) }
```


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

```
.border{ border-color:rgb(240, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 243.2190, -25.7440, -2.8231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 191) }
```

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

```
.background{ background-color: rgb(240,  
255, 191) }
```

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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