

Converting Colors

YUV(240.2760, -15.4191,
-1.1191)

Have a look what the booklet for
YUV(240.2760, -15.4191, -1.1191)
contains.

YUV(240.2760, -15.4191, -1.1191)	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(240.2760, -15.4191,
-1.1191)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF7D1
RGB	239, 247, 209
RGB Percent	94%, 97%, 82%
CMY	0.0627, 0.0314, 0.1804
CMYK	0.03, 0.00, 0.15, 0.03
HSL	73°, 70%, 89%
HSV	73°, 15%, 97%
XYZ	80.3660, 89.4757, 73.3564
YIQ	240.2760, 7.4300, -13.5140

Conversions

Conversions Part 2

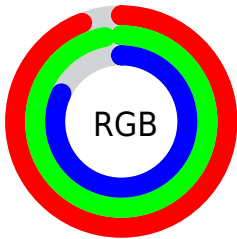
Format	Color
R _Y B	209, 247, 217
Decimal	15726545
CIE Lab	95.78, -9.00, 17.39
CIE LCh	96, 19.584, 117.364
Yxy	89.4757, 0.3305, 0.3679
Android (android.graphics.Color)	4293916625 (0xFFEFF7D1)
YUV	240.2760, -15.4191, -1.1191
Hunter-Lab	94.5916, -13.8799, 20.2343

Details

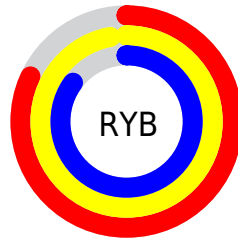
The YUV color $240.2760, -15.4191, -1.1191$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $215.7240, 15.4191, 1.1191$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.3900, -14.9823, -1.2190$ is the 20% darker color. If you saturate the color by 10%, you get $235.9310, -25.6020, -1.6935$, and if you desaturate by 10%, it is $244.6210, -5.2362, -0.5446$.

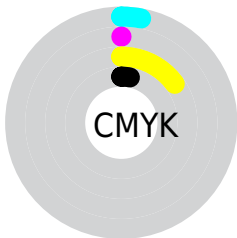
Distribution



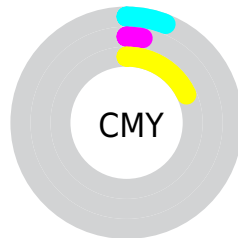
- Red (94%)
- Green (97%)
- Blue (82%)



- Red (82%)
- Yellow (97%)
- Blue (85%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)



- Cyan (6%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.2760, -15.4191, -1.1191 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 240.2760, -15.4191, -1.1191 by changing the saturation by 10% instead.

■ 240.2760,
-15.4191, -1.1191

■ 240.2760,
-15.4191, -1.1191

255.0000, 0.0000,
0.0000

■ 212.2760,
-15.4191, -1.1191

■ 184.3900,
-14.9823, -1.2190

■ 157.5040,
-14.5455, -1.3190

■ 131.0310,
-13.8193, -0.9042

■ 105.8460,
-13.2351, -1.6189

■ 81.9600, -12.7983,
-1.7189

■ 58.4870, -12.0721,

-1.3041

■ 36.6010, -11.6353,
-1.4041

■ 15.6050, -7.6933,
-5.7926

■ 240.2760,
-15.4191, -1.1191

■ 240.2760,
-15.4191, -1.1191

■ 235.9310,
-25.6020, -1.6935

■ 244.6210, -5.2362,
-0.5446

■ 231.7000,
-35.3481, -2.3679

■ 248.5100, 3.1996,
0.4297

■ 227.0560,
-45.3836, -3.5571

■ 250.3040, 2.3151,
4.1184

■ 222.7110,
-55.5665, -4.1315

■ 218.4800,
-65.3126, -4.8060

■ 214.1350,
-75.4956, -5.3804

■ 209.7900,
-85.6785, -5.9548

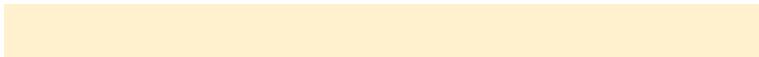
■ 205.1460,
-95.7140, -7.1440

■ 203.2940,
-100.2239, -7.2738

Harmonies

Analogous

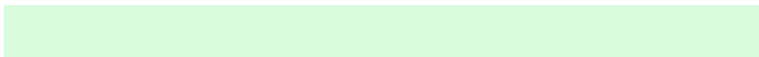
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.0820, -17.7884, 12.2061



240.2760, -15.4191, -1.1191



238.1150, -7.9447, -18.5179

Triad

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



240.2760, -15.4191, -1.1191



235.9190, 9.4069, -30.6240



239.1850, 2.8668, 13.8698

Complementary

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



240.2760, -15.4191, -1.1191



215.7240, 15.4191, 1.1191

Split Complementary

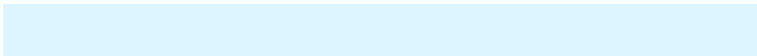
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.0860, 6.3666, 11.3256



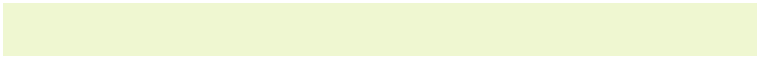
240.2760, -15.4191, -1.1191



238.6650, 8.0532, -16.3692

Square

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



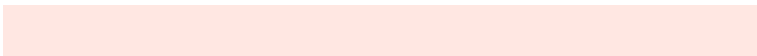
240.2760, -15.4191, -1.1191



235.8750, 9.4286, -37.6014



242.3190, 6.2517, 1.4742



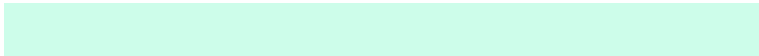
237.6060, -5.7218, 15.2545

Rectangle

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



240.2760, -15.4191, -1.1191



236.4820, -1.2236, -27.6097



242.3190, 6.2517, 1.4742



240.5700, 5.6350, 12.6551

Sweetspot

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



240.2760, -15.4191, -1.1191



252.6210, -5.2362, -0.5446



225.0580, -7.9166, 19.2431



126.4900, -3.1996, -0.4297



0.0000, 0.0000, 0.0000



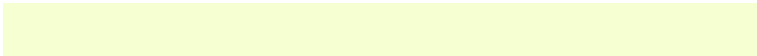
128.0000, 0.0000, 0.0000

Same Dimension

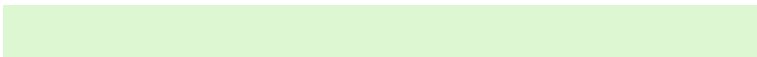
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.2760, -15.4191, -1.1191



246.7660, -18.6186, -1.5488



234.5950, -12.6183, -12.7998



120.0340, -4.9468, -0.0298



153.1350, -75.4956, -5.3804



48.3870, -23.8548, -2.0934

Inverse Universe

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



215.7240, 15.4191, 1.1191



217.2340, 18.6186, 1.5488



221.4050, 12.6183, 12.7998



112.2650, 4.7994, 0.6446



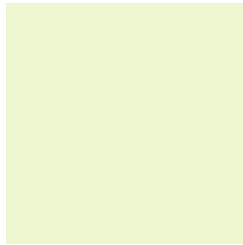
32.8650, 75.4956, 5.3804



10.3140, 24.0022, 1.4786

Previews

White Background



This preview shows how the YUV color 240.2760, -15.4191, -1.1191 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 240.2760, -15.4191, -1.1191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

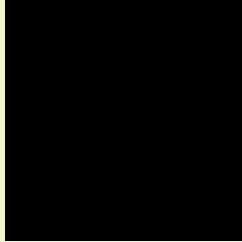
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

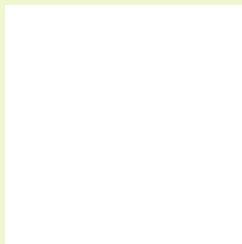
Any Text WCAG AAA ✓ Pass

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

YUV 240.2760, -15.4191, -1.1191 Background



This preview shows how black text looks on a background with the YUV color 240.2760, -15.4191, -1.1191.



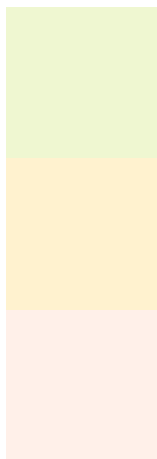
This preview shows how white text looks on a background with the YUV color 240.2760, -15.4191, -1.1191.

-1.1191.

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

240.2760, -15.4191, -1.1191

Protanopia

241.8970, -17.2042, 11.4913

Deuteranopia

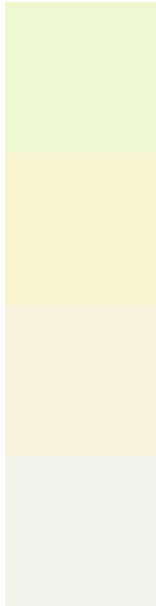
243.6870, -5.2687, 9.9215



Tritanopia

243.7920, 5.5255, 1.0594

Trichromacy



Original Color

240.2760, -15.4191, -1.1191

Protanomaly

241.3910, -16.4618, 6.6731

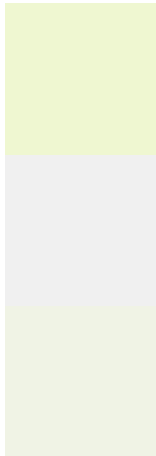
Deuteranomaly

242.6280, -9.1836, 5.5882

Tritanomaly

242.4300, -2.1840, 0.4999

Monochromacy



Original Color

240.2760, -15.4191, -1.1191

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.5070, -5.6730, -0.4446

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.2760, -15.4191, -1.1191 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(239, 247, 209)` looks like.

```
.text, #text, p{  
    color:rgb(239, 247, 209)  
}
```

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(239, 247, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 247, 209) }
```

Border

The CSS property to change the border of an element to YUV 240.2760, -15.4191, -1.1191 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(239, 247, 209) }
```


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

```
.border{ border-color:rgb(239, 247, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 247, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 247, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 247, 209);  
box-shadow:4px 4px 4px 4px rgb(239, 247,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 240.2760, -15.4191, -1.1191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 247, 209) }
```

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

```
.background{ background-color: rgb(239,  
247, 209) }
```

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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