

Converting Colors

YUV(240.8820, -7.8298, -8.6665)

Have a look what the booklet for
YUV(240.8820, -7.8298, -8.6665)
contains.

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Color

**YUV(240.8820, -7.8298,
-8.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F9E1
RGB	231, 249, 225
RGB Percent	91%, 98%, 88%
CMY	0.0941, 0.0235, 0.1176
CMYK	0.07, 0.00, 0.10, 0.02
HSL	105°, 67%, 93%
HSV	105°, 10%, 98%
XYZ	80.4213, 90.1765, 84.4013
YIQ	240.8820, -3.0240, -11.2800

Conversions

Conversions Part 2

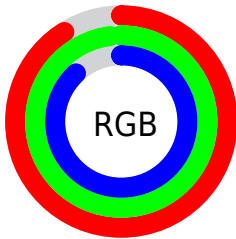
Format	Color
R_{YB}	225, 249, 243
Decimal	15202785
CIE _{Lab}	96.07, -10.15, 9.50
CIE _{LCh}	96, 13.902, 136.880
Yxy	90.1765, 0.3154, 0.3536
Android (android.graphics.Color)	4293392865 (0xFFE7F9E1)
YUV	240.8820, -7.8298, -8.6665
Hunter-Lab	94.9613, -15.0134, 13.7762

Details

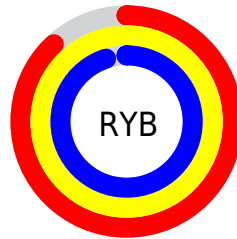
The YUV color $240.8820, -7.8298, -8.6665$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.1180, 7.8298, 8.6665$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.9960, -7.3930, -8.7665$ is the 20% darker color. If you saturate the color by 10%, you get $232.3510, -15.9490, -17.8478$, and if you desaturate by 10%, it is $249.4130, 0.2894, 0.5148$.

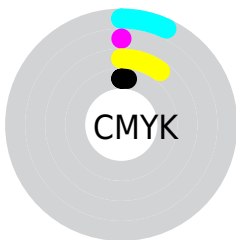
Distribution



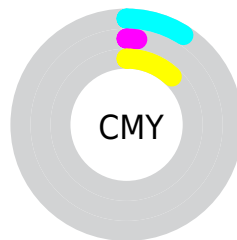
- Red (91%)
- Green (98%)
- Blue (88%)



- Red (88%)
- Yellow (98%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)




- Cyan (9%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.8820, -7.8298, -8.6665 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 240.8820, -7.8298, -8.6665 by changing the saturation by 10% instead.


 240.8820, -7.8298,
-8.6665

 240.8820, -7.8298,
-8.6665

255.0000, 0.0000,
0.0000


 212.2950, -7.5404,
-8.1517

 184.9960, -7.3930,
-8.7665

 157.7080, -7.2510,
-7.6369

 131.8220, -6.8142,
-7.7369

 106.8220, -6.8142,
-7.7369

 82.2350, -6.5249,
-7.2221

 59.3490, -6.0881,

-7.3221

■ 37.7620, -5.7987,
-6.8073

■ 15.5940, -7.6878,
-7.5369

■ 240.8820, -7.8298,
-8.6665

■ 240.8820, -7.8298,
-8.6665

■ 232.3510,
-15.9490, -17.8478

■ 249.4130, 0.2894,
0.5148

■ 224.1190,
-24.2157, -26.4144

■ 251.4780, 1.7363,
3.0888

■ 215.5880,
-32.3349, -35.5957

■ 207.0570,
-40.4541, -44.7770

■ 198.9390,
-48.2839, -53.4435

■ 190.4080,
-56.4031, -62.6248

■ 181.8770,
-64.5224, -71.8061

■ 173.6450,
-72.7890, -80.3727

■ 165.1140,
-80.9082, -89.5540

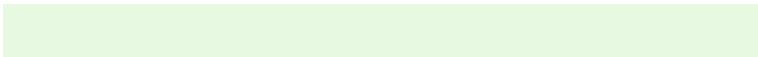
Harmonies

Analogous

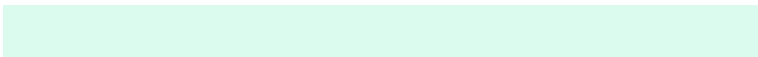
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.5200, -12.0884, 3.9290



240.8820, -7.8298, -8.6665



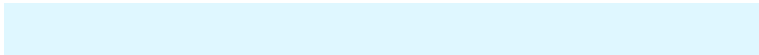
239.5370, -1.2507, -18.8879

Triad

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



240.8820, -7.8298, -8.6665



240.7360, 7.0322, -15.5545



241.0940, -2.5113, 12.1956

Complementary

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



240.8820, -7.8298, -8.6665



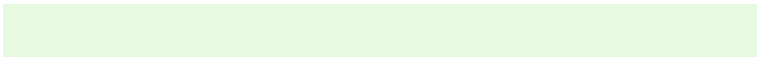
233.1180, 7.8298, 8.6665

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.



242.6900, 3.6038, 10.7959



240.8820, -7.8298, -8.6665



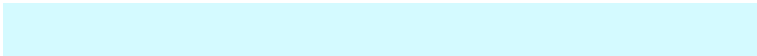
242.5850, 6.1206, -3.1440

Square

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



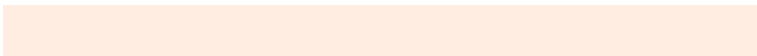
240.8820, -7.8298, -8.6665



239.2080, 7.7855, -23.8614



245.0210, 4.9196, 8.7516



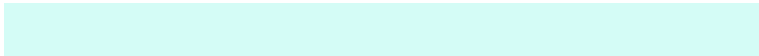
241.0140, -7.8949, 12.2657

Rectangle

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



240.8820, -7.8298, -8.6665



239.3560, 3.2755, -23.9912



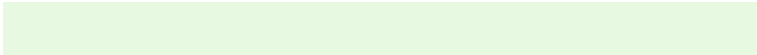
245.0210, 4.9196, 8.7516



241.6640, -0.3274, 11.6957

Sweetspot

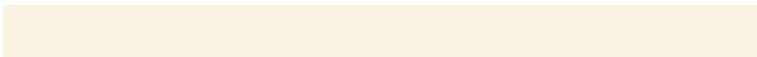
The Sweet Spot groups the original color and five complimentary colors.



240.8820, -7.8298, -8.6665



252.2940, -2.6099, -2.8888



242.7420, -8.7468, 5.4883



126.1200, -2.0312, -1.8592



0.0000, 0.0000, 0.0000



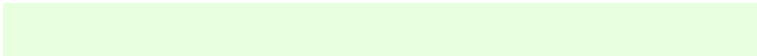
128.0000, 0.0000, 0.0000

Same Dimension

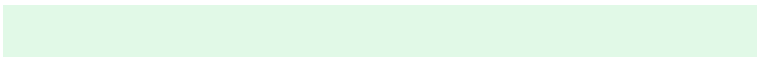
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.8820, -7.8298, -8.6665



244.5890, -10.1504, -11.0406



239.7720, -4.3246, -12.9550



120.8270, -4.3517, -4.2333



124.9960, -61.6230, -68.4025



40.2920, -19.8640, -22.1811

Inverse Universe

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



233.1180, 7.8298, 8.6665



234.4110, 10.1504, 11.0406



234.2280, 4.3246, 12.9550



116.4720, 4.2043, 4.8481



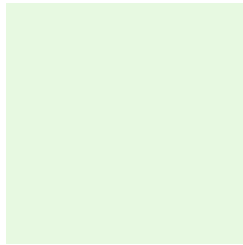
64.0040, 61.6230, 68.4025



20.7080, 19.8640, 22.1811

Previews

White Background



This preview shows how the YUV color 240.8820, -7.8298, -8.6665 looks on a white background.

Color Contrast Check

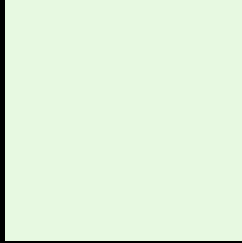
Large Text (above 18pt) WCAG AA × Fail

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 240.8820, -7.8298, -8.6665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

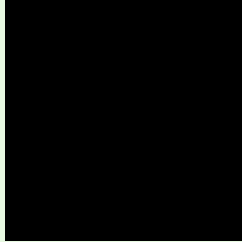
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

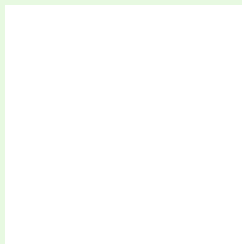
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.8820, -7.8298, -8.6665

Background



This preview shows how black text looks on a background with the YUV color 240.8820, -7.8298, -8.6665.



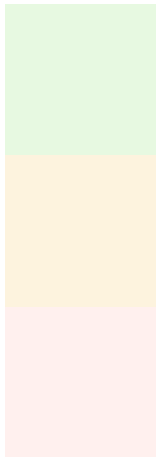
This preview shows how white text looks on a background with the YUV color 240.8820, -7.8298, -8.6665.

-8.6665.

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

240.8820, -7.8298, -8.6665

Protanopia

243.5960, -10.6468, 8.2473

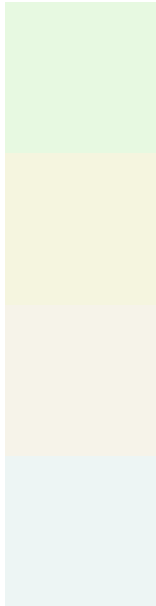
Deuteranopia

244.2570, -3.0847, 9.4216

Tritanopia

243.4710, 5.6838, -3.0441

Trichromacy



Original Color

240.8820, -7.8298, -8.6665

Protanomaly

242.4920, -9.6096, 2.1995

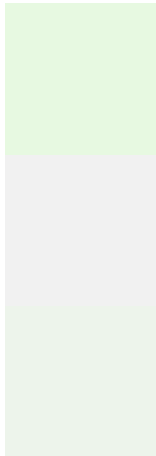
Deuteranomaly

242.7570, -4.8102, 2.8441

Tritanomaly

242.4940, 0.7425, -4.8182

Monochromacy



Original Color

240.8820, -7.8298, -8.6665

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.8810, -2.8993, -3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.8820, -7.8298, -8.6665 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(231, 249, 225)` looks like.

```
.text, #text, p{  
    color:rgb(231, 249, 225)  
}
```

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(231, 249, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 249, 225) }
```

Border

The CSS property to change the border of an element to YUV 240.8820, -7.8298, -8.6665 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(231, 249, 225) }
```


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

```
.border{ border-color:rgb(231, 249, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 249, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 249, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 249, 225);  
box-shadow:4px 4px 4px 4px rgb(231, 249,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 240.8820, -7.8298, -8.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 249, 225) }
```

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

```
.background{ background-color: rgb(231,  
249, 225) }
```

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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