

Converting Colors

YUV(235.7840, -5.8095, -3.3186)

Have a look what the booklet for
YUV(235.7840, -5.8095, -3.3186)
contains.

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Color

**YUV(235.7840, -5.8095,
-3.3186)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F0E0
RGB	232, 240, 224
RGB Percent	91%, 94%, 88%
CMY	0.0902, 0.0588, 0.1216
CMYK	0.03, 0.00, 0.07, 0.06
HSL	90°, 35%, 91%
HSV	90°, 7%, 94%
XYZ	77.8933, 84.8578, 82.7948
YIQ	235.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

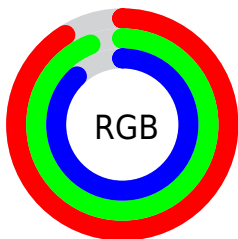
Format	Color
R _Y B	224, 240, 232
Decimal	15266016
CIE Lab	93.82, -5.47, 6.80
CIE LCh	94, 8.724, 128.790
Yxy	84.8578, 0.3172, 0.3456
Android (android.graphics.Color)	4293456096 (0xFFE8F0E0)
YUV	235.7840, -5.8095, -3.3186
Hunter-Lab	92.1183, -10.2711, 11.1937

Details

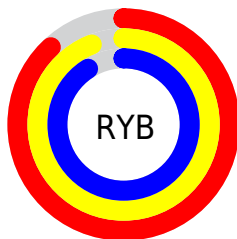
The YUV color **235.7840, -5.8095, -3.3186** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **228.2160, 5.8095, 3.3186**, and the grayscale version is **236.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **179.8980, -5.3727, -3.4185** is the 20% darker color. If you saturate the color by 10%, you get **229.4600, -14.5238, -8.2964**, and if you desaturate by 10%, it is **242.1080, 2.9048, 1.6593**.

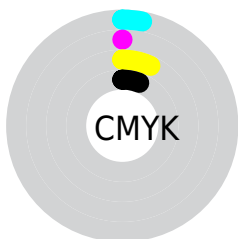
Distribution



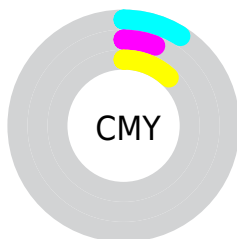
- Red (91%)
- Green (94%)
- Blue (88%)



- Red (88%)
- Yellow (94%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.7840, -5.8095, -3.3186 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 235.7840, -5.8095, -3.3186 by changing the saturation by 10% instead.

■ 235.7840, -5.8095,
-3.3186

■ 235.7840, -5.8095,
-3.3186

255.0000, 0.0000,
0.0000

■ 207.7840, -5.8095,
-3.3186

■ 179.8980, -5.3727,
-3.4185

■ 153.1970, -5.5201,
-2.8038

■ 127.3110, -5.0833,
-2.9037

■ 102.3110, -5.0833,
-2.9037

■ 78.4250, -4.6465,
-3.0037

■ 55.4250, -4.6465,

-3.0037

■ 33.9520, -3.9203,
-2.5889

■ 11.4850, -5.6621,
-3.9333

■ 235.7840, -5.8095,
-3.3186

■ 235.7840, -5.8095,
-3.3186

■ 229.4600,
-14.5238, -8.2964

■ 242.1080, 2.9048,
1.6593

■ 223.1360,
-23.2380, -13.2743

■ 246.1950, 4.3409,
7.7220

■ 216.8120,
-31.9523, -18.2521

■ 210.4880,
-40.6666, -23.2300

■ 204.1640,
-49.3809, -28.2078

■ 197.8400,
-58.0951, -33.1857

■ 191.5160,
-66.8094, -38.1635

■ 185.1920,
-75.5237, -43.1414

■ 178.8680,
-84.2379, -48.1192

Harmonies

Analogous

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



236.6710, -7.7258, 4.6735



235.7840, -5.8095, -3.3186



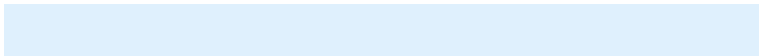
235.0650, -2.0040, -10.5810

Triad

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



235.7840, -5.8095, -3.3186



236.3990, 8.1843, -11.7509



239.2190, -2.0800, 13.8399

Complementary

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



235.7840, -5.8095, -3.3186



228.2160, 5.8095, 3.3186

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.



238.9350, 2.0040, 10.5810



235.7840, -5.8095, -3.3186



237.4430, 8.1626, -4.7735

Square

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



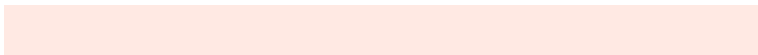
235.7840, -5.8095, -3.3186



235.0950, 5.8692, -15.8693



238.2160, 5.8095, 3.3186



238.8940, -5.8637, 14.1250

Rectangle

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



235.7840, -5.8095, -3.3186



234.5530, 1.2064, -13.6400



238.2160, 5.8095, 3.3186



239.2620, -0.6222, 12.9252

Sweetspot

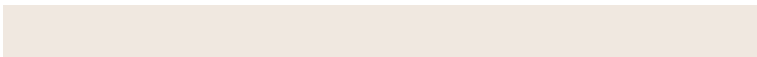
The Sweet Spot groups the original color and five complimentary colors.



235.7840, -5.8095, -3.3186



253.5330, -1.7418, -1.3444



233.4800, -4.6736, 5.7180



127.0600, -1.0156, -0.9296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

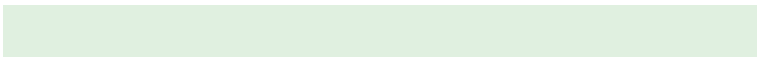
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.7840, -5.8095, -3.3186



249.7300, -7.2619, -4.1482



233.3920, -4.6303, -8.2368



116.8380, -4.3571, -2.4889



135.5160, -66.8094, -38.1635



41.2440, -20.3333, -11.6150

Inverse Universe

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



228.2160, 5.8095, 3.3186



240.2700, 7.2619, 4.1482



230.6080, 4.6303, 8.2368



111.1620, 4.3571, 2.4889



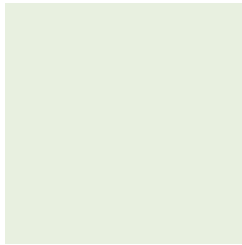
48.4840, 66.8094, 38.1635



14.7560, 20.3333, 11.6150

Previews

White Background



This preview shows how the YUV color 235.7840, -5.8095, -3.3186 looks on a white background.

Color Contrast Check

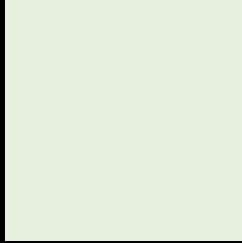
Large Text (above 18pt) WCAG AA × Fail

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 235.7840, -5.8095, -3.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

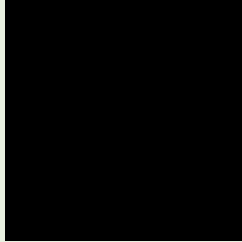
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

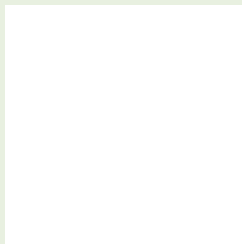
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.7840, -5.8095, -3.3186

Background



This preview shows how black text looks on a background with the YUV color 235.7840, -5.8095, -3.3186.



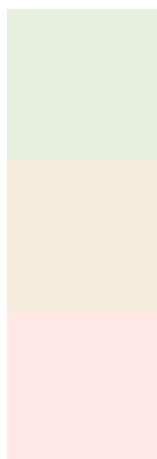
This preview shows how white text looks on a background with the YUV color 235.7840, -5.8095, -3.3186.

-3.3186.

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

235.7840, -5.8095, -3.3186

Protanopia

237.0950, -7.4418, 6.9327

Deuteranopia

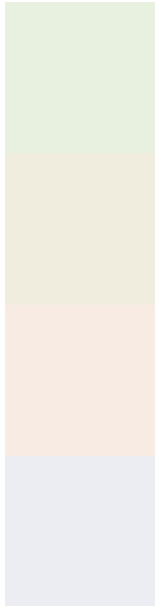
238.6490, -4.2640, 14.3398



Tritanopia

238.3510, 7.7150, -1.1848

Trichromacy



Original Color

235.7840, -5.8095, -3.3186

Protanomaly

236.3010, -6.5574, 3.2440

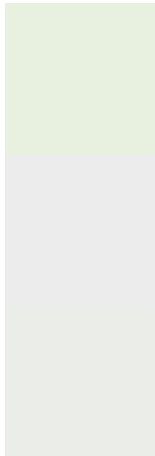
Deuteranomaly

237.7900, -4.8265, 8.0772

Tritanomaly

237.0860, 2.9156, -1.8294

Monochromacy



Original Color

235.7840, -5.8095, -3.3186

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.8320, -1.8892, -0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.7840, -5.8095, -3.3186 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(232, 240, 224)` looks like.

```
.text, #text, p{  
    color:rgb(232, 240, 224)  
}
```

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(232, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 240, 224) }
```

Border

The CSS property to change the border of an element to YUV 235.7840, -5.8095, -3.3186 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(232, 240, 224) }
```


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

```
.border{ border-color:rgb(232, 240, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 240, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(232, 240,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 235.7840, -5.8095, -3.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 240, 224) }
```

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

```
.background{ background-color: rgb(232,  
240, 224) }
```

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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