

Converting Colors

YUV(236.2400, -4.0623, -3.7185)

Have a look what the booklet for
YUV(236.2400, -4.0623, -3.7185)
contains.

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Color

**YUV(236.2400, -4.0623,
-3.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F0E4
RGB	232, 240, 228
RGB Percent	91%, 94%, 89%
CMY	0.0902, 0.0588, 0.1059
CMYK	0.03, 0.00, 0.05, 0.06
HSL	100°, 29%, 92%
HSV	100°, 5%, 94%
XYZ	78.4424, 85.0774, 85.6860
YIQ	236.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

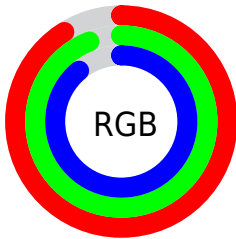
Format	Color
R _Y B	228, 240, 236
Decimal	15266020
CIE Lab	93.92, -4.78, 4.86
CIE LCh	94, 6.816, 134.490
Yxy	85.0774, 0.3148, 0.3414
Android (android.graphics.Color)	4293456100 (0xFFE8F0E4)
YUV	236.2400, -4.0623, -3.7185
Hunter-Lab	92.2374, -9.6119, 9.4874

Details

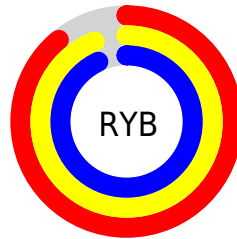
The YUV color $236.2400, -4.0623, -3.7185$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $231.7600, 4.0623, 3.7185$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.3540, -3.6255, -3.8185$ is the 20% darker color. If you saturate the color by 10%, you get $228.7200, -12.1870, -11.1554$, and if you desaturate by 10%, it is $243.7600, 4.0623, 3.7185$.

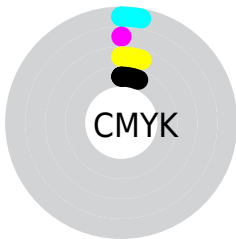
Distribution



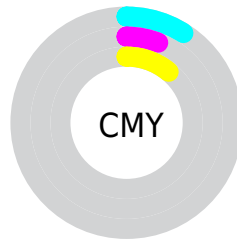
- Red (91%)
- Green (94%)
- Blue (89%)



- Red (89%)
- Yellow (94%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.2400, -4.0623, -3.7185 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 236.2400, -4.0623, -3.7185 by changing the saturation by 10% instead.

■ 236.2400, -4.0623,
-3.7185

■ 236.2400, -4.0623,
-3.7185

255.0000, 0.0000,
0.0000

■ 208.2400, -4.0623,
-3.7185

■ 180.3540, -3.6255,
-3.8185

■ 153.6530, -3.7729,
-3.2037

■ 127.6530, -3.7729,
-3.2037

■ 102.7670, -3.3361,
-3.3037

■ 78.7670, -3.3361,
-3.3037

■ 55.8810, -2.8993,

-3.4036

■ 34.2940, -2.6099,
-2.8888

■ 11.7130, -4.7885,
-4.1333

■ 236.2400, -4.0623,
-3.7185

■ 236.2400, -4.0623,
-3.7185

■ 228.7200,
-12.1870, -11.1554

■ 243.7600, 4.0623,
3.7185

■ 221.2000,
-20.3116, -18.5924

■ 246.1950, 4.3409,
7.7220

■ 213.6800,
-28.4362, -26.0294

■ 206.1600,
-36.5609, -33.4663

■ 198.6400,
-44.6855, -40.9033

■ 191.1200,
-52.8102, -48.3402

■ 183.6000,
-60.9348, -55.7772

■ 176.0800,
-69.0594, -63.2142

■ 168.5600,
-77.1841, -70.6511

Harmonies

Analogous

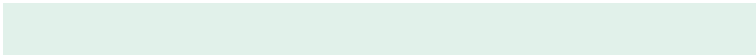
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.1160, -5.9732, 2.5293



236.2400, -4.0623, -3.7185



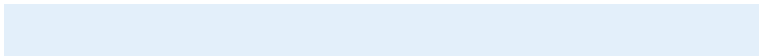
235.4180, -0.6991, -9.1366

Triad

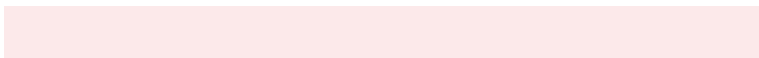
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.2400, -4.0623, -3.7185



236.6660, 6.5737, -8.4771



238.7950, -2.3639, 11.5808

Complementary

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



236.2400, -4.0623, -3.7185



231.7600, 4.0623, 3.7185

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.



239.2830, 0.8465, 8.5218



236.2400, -4.0623, -3.7185



237.8840, 5.9732, -2.5293

Square

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



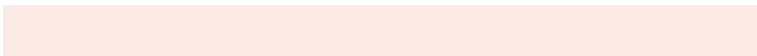
236.2400, -4.0623, -3.7185



236.1880, 4.8373, -11.5659



238.7600, 4.0623, 3.7185



238.5130, -4.6899, 10.9511

Rectangle

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



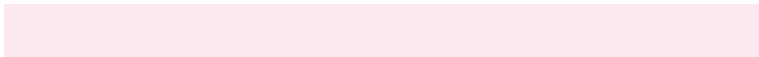
236.2400, -4.0623, -3.7185



235.8630, 1.0535, -11.2809



238.7600, 4.0623, 3.7185



238.8380, -0.9061, 10.6661

Sweetspot

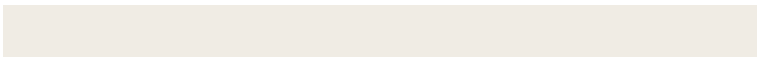
The Sweet Spot groups the original color and five complimentary colors.



236.2400, -4.0623, -3.7185



253.5330, -1.7418, -1.3444



236.2840, -4.0840, 3.2589



127.0600, -1.0156, -0.9296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

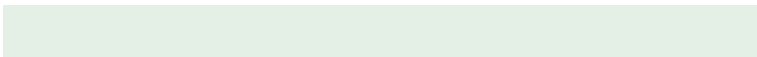
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.2400, -4.0623, -3.7185



250.3000, -5.0779, -4.6481



235.2720, -2.5991, -6.3775



117.1800, -3.0467, -2.7889



126.2470, -62.2398, -57.2216



38.5530, -19.0066, -17.1480

Inverse Universe

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



231.7600, 4.0623, 3.7185



244.7000, 5.0779, 4.6481



232.7280, 2.5991, 6.3775



113.8200, 3.0467, 2.7889



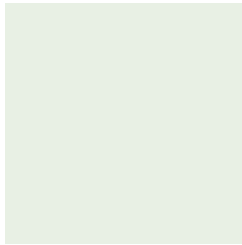
57.4540, 62.3872, 56.6068



17.4470, 19.0066, 17.1480

Previews

White Background



This preview shows how the YUV color 236.2400, -4.0623, -3.7185 looks on a white background.

Color Contrast Check

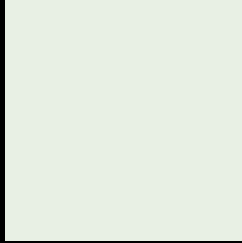
Large Text (above 18pt) WCAG AA × Fail

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 236.2400, -4.0623, -3.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

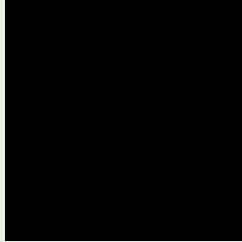
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

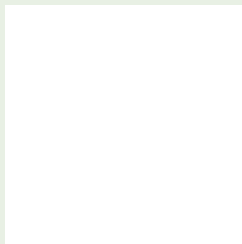
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.2400, -4.0623, -3.7185

Background



This preview shows how black text looks on a background with the YUV color 236.2400, -4.0623, -3.7185.



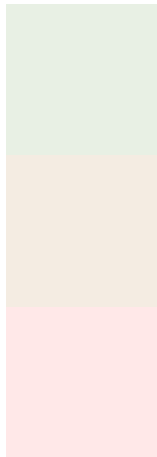
This preview shows how white text looks on a background with the YUV color 236.2400, -4.0623, -3.7185.

-3.7185.

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

236.2400, -4.0623, -3.7185

Protanopia

237.2520, -5.5472, 5.9180

Deuteranopia

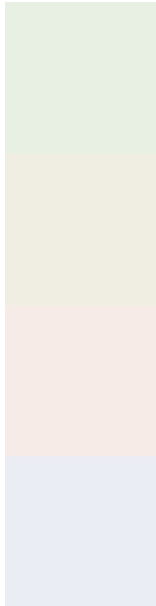
238.8770, -3.3904, 14.1399



Tritanopia

238.1660, 8.2992, -1.8996

Trichromacy



Original Color

236.2400, -4.0623, -3.7185

Protanomaly

236.7570, -4.8102, 2.8441

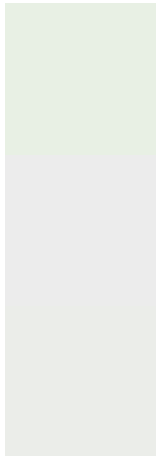
Deuteranomaly

238.1320, -3.5161, 7.7772

Tritanomaly

237.3140, 3.7892, -2.0294

Monochromacy



Original Color

236.2400, -4.0623, -3.7185

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.9460, -1.4524, -0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.2400, -4.0623, -3.7185 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(232, 240, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 240, 228) }
```

Border

The CSS property to change the border of an element to YUV 236.2400, -4.0623, -3.7185 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, 228) }
```


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

```
.border{ border-color:rgb(232, 240, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 240, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 240, 228); box-shadow:4px 4px 4px 4px rgb(232, 240, 228) }
```

Background

The CSS property to change the background color of an element to YUV 236.2400, -4.0623, -3.7185 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, 228) }
```

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

```
.background{ background-color: rgb(232,  
240, 228) }
```

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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