

Converting Colors

YUV(240.6260, -6.2246,
-10.1960)

Have a look what the booklet for
YUV(240.6260, -6.2246, -10.1960)
contains.

YUV(240.6260, -6.2246, -10.1960)	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(240.6260, -6.2246,
-10.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F9E4
RGB	229, 249, 228
RGB Percent	90%, 98%, 89%
CMY	0.1020, 0.0235, 0.1059
CMYK	0.08, 0.00, 0.08, 0.02
HSL	117°, 64%, 94%
HSV	117°, 8%, 98%
XYZ	80.1924, 90.0108, 86.5460
YIQ	240.6260, -5.1790, -10.7710

Conversions

Conversions Part 2

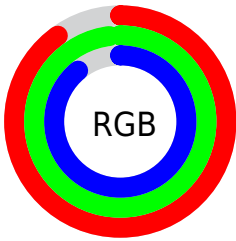
Format	Color
R _Y B	228, 249, 248
Decimal	15071716
CIE Lab	96.00, -10.30, 7.84
CIE LCh	96, 12.945, 142.721
Yxy	90.0108, 0.3123, 0.3506
Android (android.graphics.Color)	4293261796 (0xFFE5F9E4)
YUV	240.6260, -6.2246, -10.1960
Hunter-Lab	94.8740, -15.1522, 12.3263

Details

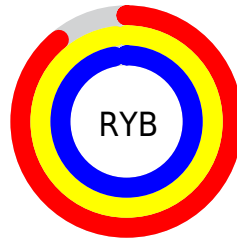
The YUV color **240.6260, -6.2246, -10.1960** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **236.3740, 6.2246, 10.1960**, and the grayscale version is **241.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **184.7400, -5.7878, -10.2960** is the 20% darker color. If you saturate the color by 10%, you get **230.6000, -13.6068, -22.4512**, and if you desaturate by 10%, it is **250.6520, 1.1576, 2.0592**.

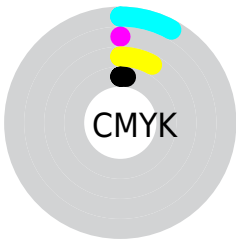
Distribution



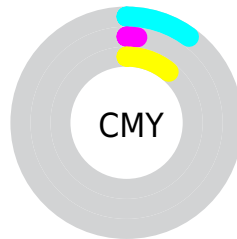
- Red (90%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)





- Cyan (10%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.6260, -6.2246, -10.1960 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 240.6260, -6.2246, -10.1960 by changing the saturation by 10% instead.

 240.6260, -6.2246,
-10.1960

 240.6260, -6.2246,
-10.1960

255.0000, 0.0000,
0.0000


 212.0390, -5.9352,
-9.6812

 184.7400, -5.7878,
-10.2960

 157.4520, -5.6458,
-9.1664

 131.4520, -5.6458,
-9.1664

 106.5660, -5.2090,
-9.2664

 81.9790, -4.9196,
-8.7516

 59.2780, -5.0671,

-8.1368

■ 36.8050, -4.3409,
-7.7220

■ 15.5120, -6.6614,
-10.0960

■ 240.6260, -6.2246,
-10.1960

■ 240.6260, -6.2246,
-10.1960

■ 230.6000,
-13.6068, -22.4512

■ 250.6520, 1.1576,
2.0592

■ 220.8730,
-21.1364, -34.0916

■ 251.4780, 1.7363,
3.0888

■ 210.8470,
-28.5186, -46.3468

■ 200.8210,
-35.9008, -58.6020

■ 190.9090,
-42.8461, -70.9572

■ 181.1820,
-50.3757, -82.5976

■ 171.1560,
-57.7579, -94.8528

■ 161.1300,
-65.1401, -107.1080

■ 151.4030,
-72.6697, -118.7484

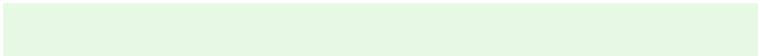
Harmonies

Analogous

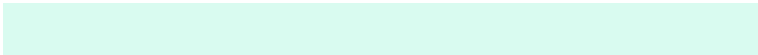
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.1390, -10.9145, 0.7551



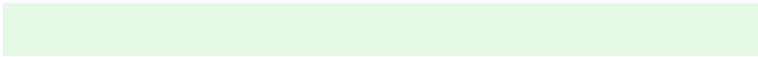
240.6260, -6.2246, -10.1960



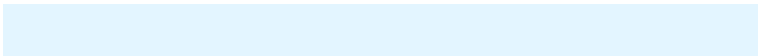
239.5800, 0.2071, -19.8027

Triad

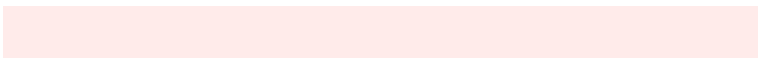
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.6260, -6.2246, -10.1960



240.7580, 7.0213, -12.0658



240.8660, -3.3849, 12.3955

Complementary

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



240.6260, -6.2246, -10.1960



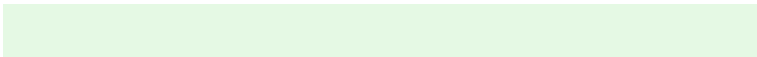
236.3740, 6.2246, 10.1960

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.



242.3480, 2.2934, 11.0958



240.6260, -6.2246, -10.1960



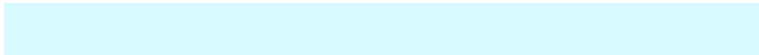
242.8950, 5.9678, -0.7849

Square

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



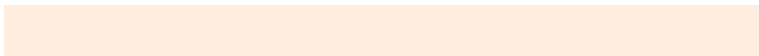
240.6260, -6.2246, -10.1960



239.8170, 7.4852, -20.8875



245.0210, 4.9196, 8.7516



241.4870, -8.6211, 11.8509

Rectangle

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



240.6260, -6.2246, -10.1960



239.2960, 4.2911, -23.0616



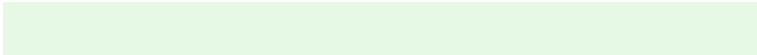
245.0210, 4.9196, 8.7516



241.3220, -1.6377, 11.9956

Sweetspot

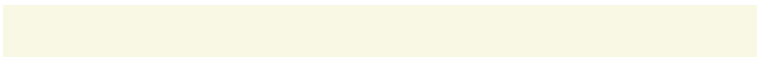
The Sweet Spot groups the original color and five complimentary colors.



240.6260, -6.2246, -10.1960



251.9950, -2.4625, -3.5036



246.0190, -8.8834, 2.6143



125.8210, -1.8838, -2.4740



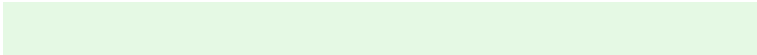
0.0000, 0.0000, 0.0000



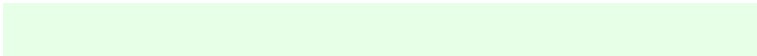
128.0000, 0.0000, 0.0000

Same Dimension

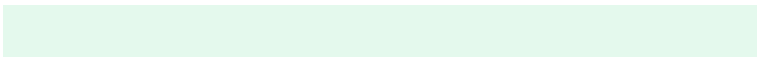
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.6260, -6.2246, -10.1960



244.9740, -7.3822, -12.2552



241.3530, -2.1460, -11.7106



119.9300, -3.9095, -6.0776



113.6340, -56.0216, -91.7640



36.7040, -18.0951, -29.5584

Inverse Universe

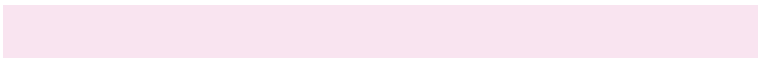
The Inverse Universe completely reimagines the original color for something new.



236.3740, 6.2246, 10.1960



240.0260, 7.3822, 12.2552



235.6470, 2.1460, 11.7106



117.0700, 3.9095, 6.0776



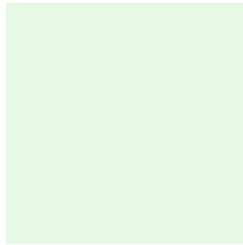
75.3660, 56.0216, 91.7640



24.2960, 18.0951, 29.5584

Previews

White Background



This preview shows how the YUV color 240.6260, -6.2246, -10.1960 looks on a white background.

Color Contrast Check

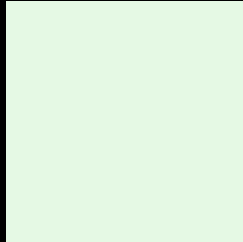
Large Text (above 18pt) WCAG AA × Fail

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 240.6260, -6.2246, -10.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

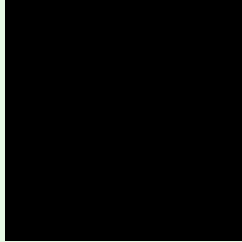
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

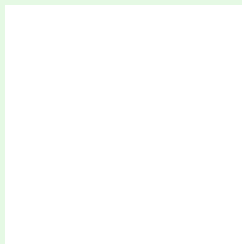
Any Text WCAG AAA ✓ Pass

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

YUV 240.6260, -6.2246, -10.1960 Background



This preview shows how black text looks on a background with the YUV color 240.6260, -6.2246, -10.1960.



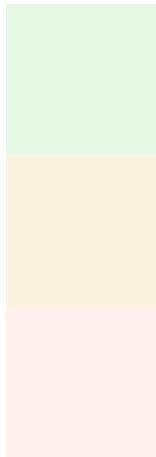
This preview shows how white text looks on a background with the YUV color 240.6260, -6.2246, -10.1960.

-10.1960.

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

240.6260, -6.2246, -10.1960

Protanopia

242.9380, -9.3364, 7.9474

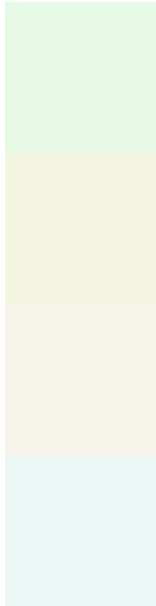
Deuteranopia

244.2570, -3.0847, 9.4216

Tritanopia

243.4600, 5.6892, -4.7884

Trichromacy



Original Color

240.6260, -6.2246, -10.1960

Protanomaly

242.4210, -8.5886, 1.3848

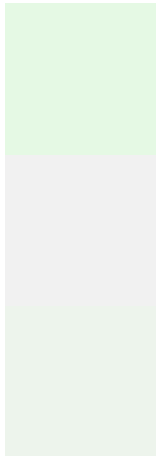
Deuteranomaly

242.8710, -4.3734, 2.7441

Tritanomaly

242.5970, 1.1847, -6.6626

Monochromacy



Original Color

240.6260, -6.2246, -10.1960

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.6260, -6.2246, -10.1960 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(229, 249, 228)` looks like.

```
.text, #text, p{  
    color:rgb(229, 249, 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(229, 249, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 249, 228) }
```

Border

The CSS property to change the border of an element to YUV 240.6260, -6.2246, -10.1960 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(229, 249, 228) }
```


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

```
.border{ border-color:rgb(229, 249, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 249, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 249, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 249, 228);  
box-shadow:4px 4px 4px 4px rgb(229, 249,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 240.6260, -6.2246, -10.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 249, 228) }
```

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

```
.background{ background-color: rgb(229,  
249, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor