

Converting Colors

YUV(234.6410, -2.2880,
-12.8402)

Have a look what the booklet for
YUV(234.6410, -2.2880, -12.8402)
contains.

YUV(234.6410, -2.2880, -12.8402)	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(234.6410, -2.2880,
-12.8402)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF3E6
RGB	220, 243, 230
RGB Percent	86%, 95%, 90%
CMY	0.1373, 0.0471, 0.0980
CMYK	0.09, 0.00, 0.05, 0.05
HSL	146°, 49%, 91%
HSV	146°, 9%, 95%
XYZ	75.8487, 85.0300, 87.2777
YIQ	234.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

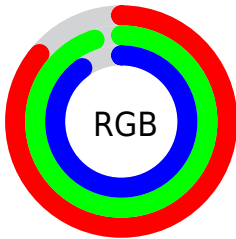
Format	Color
R _Y B	220, 236, 243
Decimal	14480358
CIE Lab	93.90, -9.92, 3.69
CIE LCh	94, 10.580, 159.584
Yxy	85.0300, 0.3056, 0.3426
Android (android.graphics.Color)	4292670438 (0xFFDCF3E6)
YUV	234.6410, -2.2880, -12.8402
Hunter-Lab	92.2117, -14.5454, 8.4307

Details

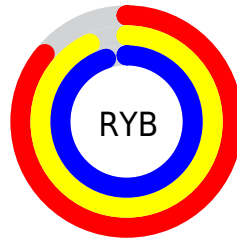
The YUV color $234.6410, -2.2880, -12.8402$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $228.3590, 2.2880, 12.8402$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.0540, -1.9986, -12.3254$ is the 20% darker color. If you saturate the color by 10%, you get $225.8690, -4.8654, -26.1951$, and if you desaturate by 10%, it is $243.4130, 0.2894, 0.5148$.

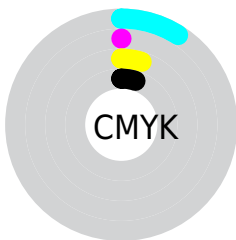
Distribution



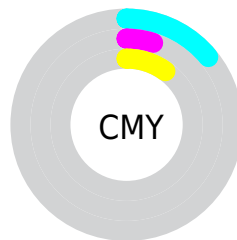
- Red (86%)
- Green (95%)
- Blue (90%)



- Red (86%)
- Yellow (93%)
- Blue (95%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (14%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.6410, -2.2880, -12.8402 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 234.6410, -2.2880, -12.8402 by changing the saturation by 10% instead.

■ 234.6410, -2.2880,
-12.8402

■ 234.6410, -2.2880,
-12.8402

255.0000, 0.0000,
0.0000

■ 206.6410, -2.2880,
-12.8402

■ 179.0540, -1.9986,
-12.3254

■ 152.3530, -2.1460,
-11.7106

■ 126.3530, -2.1460,
-11.7106

■ 100.7660, -1.8566,
-11.1958

■ 77.1790, -1.5672,
-10.6810

■ 54.1790, -1.5672,

-10.6810

■ 32.5920, -1.2779,
-10.1662

■ 11.7230, -3.3144,
-10.2811

■ 234.6410, -2.2880,
-12.8402

■ 234.6410, -2.2880,
-12.8402

■ 225.8690, -4.8654,
-26.1951

■ 243.4130, 0.2894,
0.5148

■ 216.9120, -6.8586,
-40.2648

■ 247.9560, 3.4727,
6.1776

■ 208.1400, -9.4360,
-53.6198

■ 199.3680,
-12.0134, -66.9747

■ 190.5960,
-14.5908, -80.3297

■ 181.6390,
-16.5840, -94.3994

■ 172.8670,
-19.1614, -107.7544

■ 164.0950,
-21.7388, -121.1093

■ 155.0240,
-24.1688, -135.0790

Harmonies

Analogous

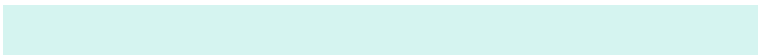
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.8440, -6.8251, -4.2482



234.6410, -2.2880, -12.8402



234.2750, 2.8224, -18.6582

Triad

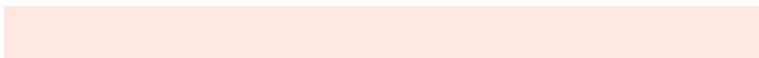
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.6410, -2.2880, -12.8402



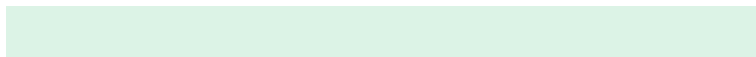
237.2580, 8.7468, -5.4883



238.0790, -6.4479, 14.8397

Complementary

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



234.6410, -2.2880, -12.8402



228.3590, 2.2880, 12.8402

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.



238.5180, -2.2274, 14.4547



234.6410, -2.2880, -12.8402



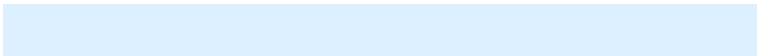
239.1560, 6.8251, 4.2482

Square

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



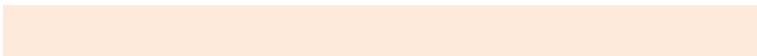
234.6410, -2.2880, -12.8402



235.7300, 9.5001, -13.7952



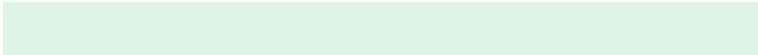
239.4730, 2.7248, 12.7402



237.9710, -9.3527, 13.1804

Rectangle

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



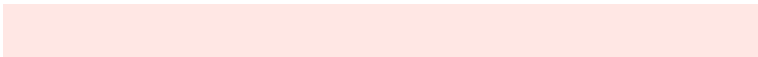
234.6410, -2.2880, -12.8402



234.1870, 6.3168, -19.4580



239.4730, 2.7248, 12.7402



237.8340, -4.8482, 15.0546

Sweetspot

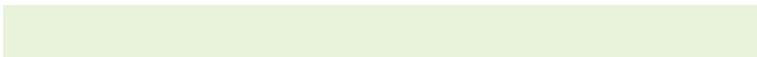
The Sweet Spot groups the original color and five complimentary colors.



234.6410, -2.2880, -12.8402



252.1520, -0.5679, -4.5183



237.3880, -8.5723, -3.8483



125.8640, -0.4260, -3.3887



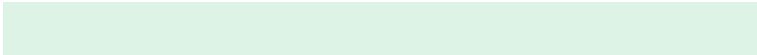
0.0000, 0.0000, 0.0000



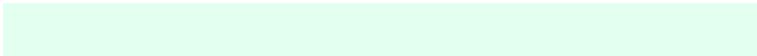
128.0000, 0.0000, 0.0000

Same Dimension

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



234.6410, -2.2880, -12.8402



244.8040, -2.8614, -15.6141



235.8950, 2.5168, -13.9399



117.6140, -1.2887, -6.6775



118.4160, -18.4461, -103.8508



37.4830, -6.1541, -32.8726

Inverse Universe

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



228.3590, 2.2880, 12.8402



237.1960, 2.8614, 15.6141



227.1050, -2.5168, 13.9399



114.3860, 1.2887, 6.6775



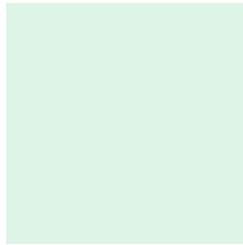
67.5840, 18.4461, 103.8508



21.4030, 5.7173, 32.9726

Previews

White Background



This preview shows how the YUV color 234.6410, -2.2880, -12.8402 looks on a white background.

Color Contrast Check

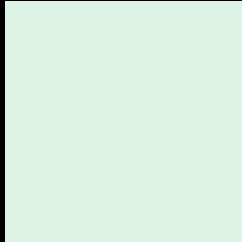
Large Text (above 18pt) WCAG AA × Fail

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 234.6410, -2.2880, -12.8402 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

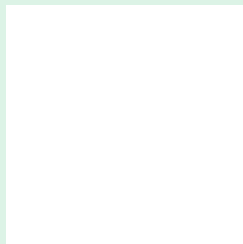
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 234.6410, -2.2880, -12.8402

Background



This preview shows how black text looks on a background with the YUV color 234.6410, -2.2880, -12.8402.



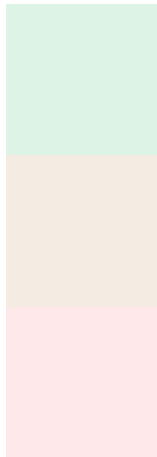
This preview shows how white text looks on a background with the YUV color 234.6410, -2.2880, -12.8402.

-12.8402.

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

234.6410, -2.2880, -12.8402

Protanopia

237.2520, -5.5472, 5.9180

Deuteranopia

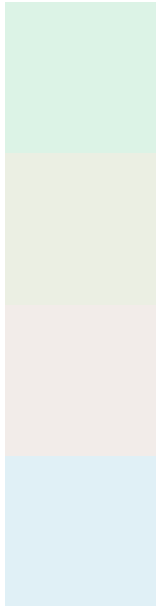
239.1050, -2.5168, 13.9399



Tritanopia

236.9370, 8.9051, -9.5917

Trichromacy



Original Color

234.6410, -2.2880, -12.8402

Protanomaly

236.4360, -4.6519, -1.2594

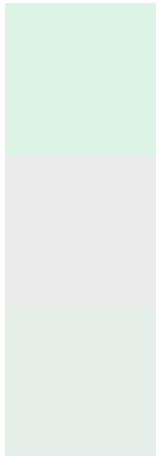
Deuteranomaly

237.4520, -2.1948, 3.9886

Tritanomaly

235.9000, 4.9793, -10.4363

Monochromacy



Original Color

234.6410, -2.2880, -12.8402

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.0380, -1.0047, -4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.6410, -2.2880, -12.8402 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(220, 243, 230)` looks like.

```
.text, #text, p{  
    color:rgb(220, 243, 230)  
}
```

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(220, 243, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 243, 230) }
```

Border

The CSS property to change the border of an element to YUV 234.6410, -2.2880, -12.8402 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(220, 243, 230) }
```


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

```
.border{ border-color:rgb(220, 243, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 243, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 243, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 243, 230);  
box-shadow:4px 4px 4px 4px rgb(220, 243,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 234.6410, -2.2880, -12.8402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 243, 230) }
```

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

```
.background{ background-color: rgb(220,  
243, 230) }
```

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