

Converting Colors

YUV(233.6010, -15.0863,
-14.5591)

Have a look what the booklet for
YUV(233.6010, -15.0863, -14.5591)
contains.

YUV(233.6010, -15.0863, -14.5591)	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(233.6010, -15.0863,
-14.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F8CB
RGB	217, 248, 203
RGB Percent	85%, 97%, 80%
CMY	0.1490, 0.0275, 0.2039
CMYK	0.13, 0.00, 0.18, 0.03
HSL	101°, 76%, 88%
HSV	101°, 18%, 97%
XYZ	72.9622, 86.1983, 69.2923
YIQ	233.6010, -4.0310, -20.5670

Conversions

Conversions Part 2

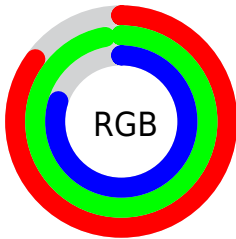
Format	Color
R _{YB}	203, 248, 234
Decimal	14285003
CIE _{Lab}	94.40, -18.03, 18.31
CIE _{LCh}	94, 25.700, 134.567
Y _{xy}	86.1983, 0.3194, 0.3773
Android (android.graphics.Color)	4292475083 (0xFFD9F8CB)
YUV	233.6010, -15.0863, -14.5591
Hunter-Lab	92.8430, -22.1983, 20.7397

Details

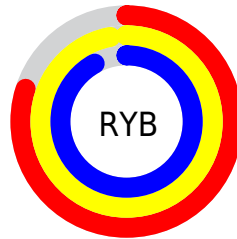
The YUV color $233.6010, -15.0863, -14.5591$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $217.3990, 15.0863, 14.5591$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.1280, -14.3601, -14.1443$ is the 20% darker color. If you saturate the color by 10%, you get $225.6680, -23.5003, -22.5108$, and if you desaturate by 10%, it is $241.5340, -6.6723, -6.6073$.

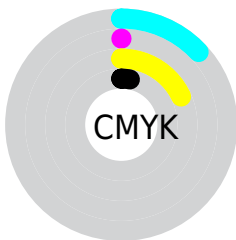
Distribution



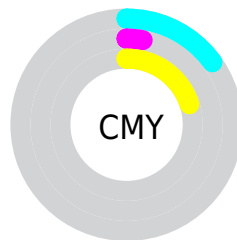
- Red (85%)
- Green (97%)
- Blue (80%)



- Red (80%)
- Yellow (97%)
- Blue (92%)



- Cyan (13%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)



- Cyan (15%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.6010, -15.0863, -14.5591 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 233.6010, -15.0863, -14.5591 by changing the saturation by 10% instead.

■ 233.6010,
-15.0863, -14.5591

■ 233.6010,
-15.0863, -14.5591

255.0000, 0.0000,
0.0000

■ 205.1280,
-14.3601, -14.1443

■ 178.1280,
-14.3601, -14.1443

■ 150.6550,
-13.6339, -13.7294

■ 125.0680,
-13.3445, -13.2146

■ 99.5950, -12.6183,
-12.7998

■ 75.7090, -12.1815,
-12.8998

■ 52.2360, -11.4553,

-12.4850

■ 30.4210, -12.0396,
-11.7702

■ 14.0880, -6.9454,
-12.3552

■ 233.6010,
-15.0863, -14.5591

■ 233.6010,
-15.0863, -14.5591

■ 225.6680,
-23.5003, -22.5108

■ 241.5340, -6.6723,
-6.6073

■ 217.7350,
-31.9144, -30.4626

■ 249.4670, 1.7418,
1.3444

■ 209.9160,
-39.8916, -38.5143

■ 250.8910, 2.0257,
3.6036

■ 201.9830,
-48.3056, -46.4661

■ 194.0500,
-56.7196, -54.4178

■ 185.8180,
-64.9863, -62.9844

■ 177.8850,
-73.4003, -70.9361

■ 170.0660,
-81.3775, -78.9879

■ 168.5990,
-83.1193, -80.3323

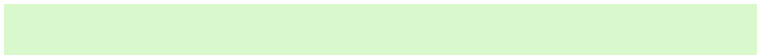
Harmonies

Analogous

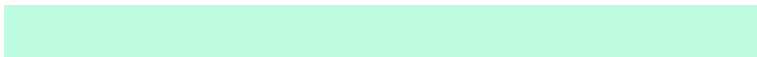
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.4960, -22.4295, 7.4580



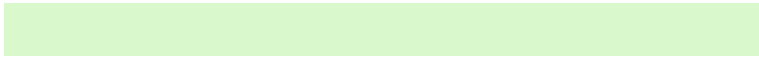
233.6010, -15.0863, -14.5591



230.3840, -2.6543, -35.4168

Triad

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



233.6010, -15.0863, -14.5591



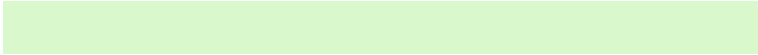
230.8910, 11.8857, -32.3534



232.4370, -2.6804, 19.7878

Complementary

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



233.6010, -15.0863, -14.5591



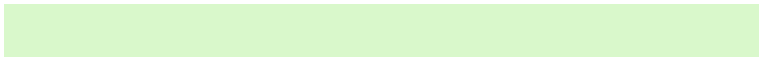
217.3990, 15.0863, 14.5591

Split Complementary

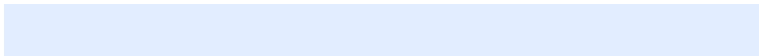
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.9880, 8.3869, 16.6735



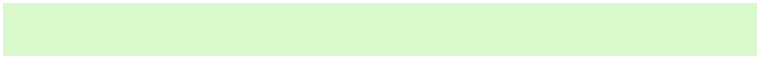
233.6010, -15.0863, -14.5591



235.7630, 9.4838, -8.5622

Square

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



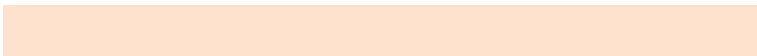
233.6010, -15.0863, -14.5591



228.4330, 13.0975, -47.7377



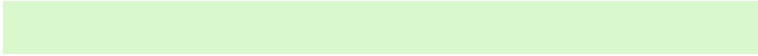
239.7380, 7.5242, 13.3848



232.2770, -13.4476, 19.9281

Rectangle

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



233.6010, -15.0863, -14.5591



229.0220, 6.3982, -45.6233



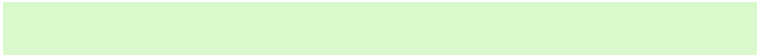
239.7380, 7.5242, 13.3848



232.8760, 1.5401, 19.4027

Sweetspot

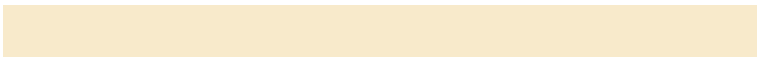
The Sweet Spot groups the original color and five complimentary colors.



233.6010, -15.0863, -14.5591



250.8270, -4.3517, -4.2333



234.6520, -15.6044, 11.7062



125.2940, -2.6099, -2.8888



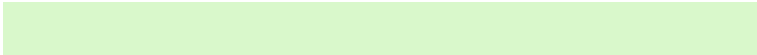
0.0000, 0.0000, 0.0000



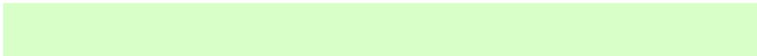
128.0000, 0.0000, 0.0000

Same Dimension

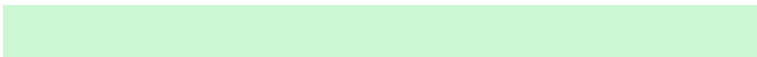
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.6010, -15.0863, -14.5591



236.9550, -18.7118, -18.3775



230.3270, -9.5282, -23.9658



120.8270, -4.3517, -4.2333



128.5840, -63.3919, -61.0252



41.4880, -20.4536, -19.7220

Inverse Universe

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



217.3990, 15.0863, 14.5591



217.0450, 18.7118, 18.3775



220.6730, 9.5282, 23.9658



116.1730, 4.3517, 4.2333



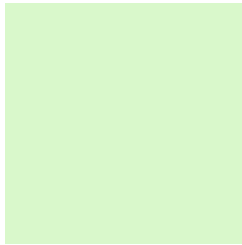
60.4160, 63.3919, 61.0252



19.5120, 20.4536, 19.7220

Previews

White Background



This preview shows how the YUV color 233.6010, -15.0863, -14.5591 looks on a white background.

Color Contrast Check

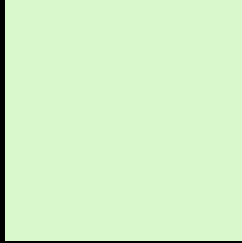
Large Text (above 18pt) WCAG AA × Fail

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 233.6010, -15.0863, -14.5591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

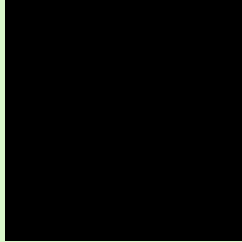
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

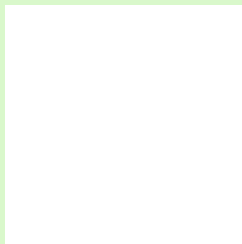
Any Text WCAG AAA ✓ Pass

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

YUV 233.6010, -15.0863, -14.5591 Background



This preview shows how black text looks on a background with the YUV color 233.6010, -15.0863, -14.5591.



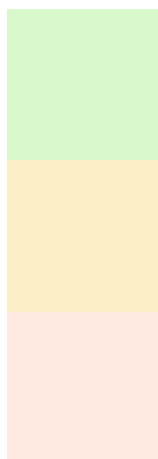
This preview shows how white text looks on a background with the YUV color 233.6010, -15.0863, -14.5591.

-14.5591.

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

233.6010, -15.0863, -14.5591

Protanopia

237.6260, -19.5356, 12.6060

Deuteranopia

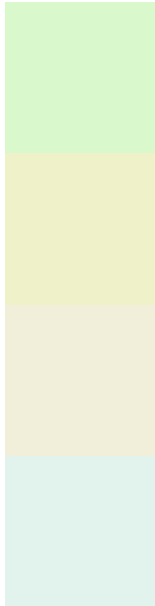
239.2530, -7.0267, 13.8101



Tritanopia

238.4210, 8.1734, -8.2622

Trichromacy



Original Color

233.6010, -15.0863, -14.5591

Protanomaly

236.3150, -17.9033, 2.3547

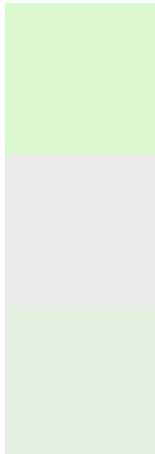
Deuteranomaly

237.0900, -9.9044, 3.4291

Tritanomaly

236.8200, -0.4043, -10.3661

Monochromacy



Original Color

233.6010, -15.0863, -14.5591

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

233.8870, -5.3673, -5.1629

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.6010, -15.0863, -14.5591 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(217, 248, 203)` looks like.

```
.text, #text, p{  
    color:rgb(217, 248, 203)  
}
```

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(217, 248, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 248, 203) }
```

Border

The CSS property to change the border of an element to YUV 233.6010, -15.0863, -14.5591 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(217, 248, 203) }
```


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

```
.border{ border-color:rgb(217, 248, 203) }
```

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

Here you see how a box with a 4 pixel rgb(217, 248, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 248, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 248, 203);  
box-shadow:4px 4px 4px 4px rgb(217, 248,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 233.6010, -15.0863, -14.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 248, 203) }
```

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

```
.background{ background-color: rgb(217,  
248, 203) }
```

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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