

Converting Colors

YUV(236.2900, -10.0030,
-11.6553)

Have a look what the booklet for
YUV(236.2900, -10.0030, -11.6553)
contains.

YUV(236.2900, -10.0030, -11.6553)	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(236.2900, -10.0030,
-11.6553)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF7D8
RGB	223, 247, 216
RGB Percent	87%, 97%, 85%
CMY	0.1255, 0.0314, 0.1529
CMYK	0.10, 0.00, 0.13, 0.03
HSL	106°, 66%, 91%
HSV	106°, 13%, 97%
XYZ	76.0869, 87.1674, 77.7805
YIQ	236.2900, -4.3530, -14.7290

Conversions

Conversions Part 2

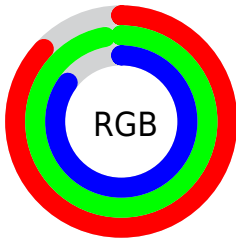
Format	Color
R_{YB}	216, 247, 240
Decimal	14677976
CIE _{Lab}	94.81, -13.37, 12.26
CIE _{LCh}	95, 18.141, 137.463
Y _{xy}	87.1674, 0.3157, 0.3616
Android (android.graphics.Color)	4292868056 (0xFFDFF7D8)
YUV	236.2900, -10.0030, -11.6553
Hunter-Lab	93.3635, -17.9169, 15.9603

Details

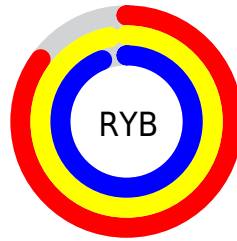
The YUV color $236.2900, -10.0030, -11.6553$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $226.7100, 10.0030, 11.6553$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.7030, -9.7136, -11.1405$ is the 20% darker color. If you saturate the color by 10%, you get $227.7590, -18.1222, -20.8366$, and if you desaturate by 10%, it is $244.8210, -1.8838, -2.4740$.

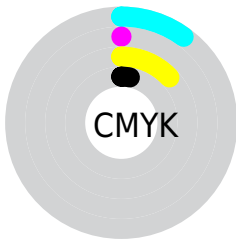
Distribution



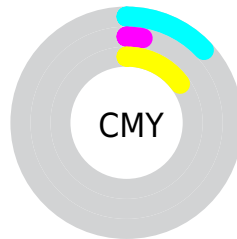
- Red (87%)
- Green (97%)
- Blue (85%)



- Red (85%)
- Yellow (97%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)



- Cyan (13%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.2900, -10.0030, -11.6553 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 236.2900, -10.0030, -11.6553 by changing the saturation by 10% instead.

■ 236.2900,
-10.0030, -11.6553

■ 236.2900,
-10.0030, -11.6553

255.0000, 0.0000,
0.0000

■ 207.7030, -9.7136,
-11.1405

■ 180.7030, -9.7136,
-11.1405

■ 153.8170, -9.2768,
-11.2405

■ 127.3440, -8.5506,
-10.8257

■ 102.6430, -8.6980,
-10.2109

■ 78.1700, -7.9718,
-9.7961

■ 55.2840, -7.5350,

-9.8961

■ 33.6970, -7.2456,
-9.3813

■ 12.9140, -6.3666,
-11.3256

■ 236.2900,
-10.0030, -11.6553

■ 236.2900,
-10.0030, -11.6553

■ 227.7590,
-18.1222, -20.8366

■ 244.8210, -1.8838,
-2.4740

■ 219.3420,
-25.8046, -30.1179

■ 250.3040, 2.3151,
4.1184

■ 210.8110,
-33.9238, -39.2992

■ 202.2800,
-42.0430, -48.4806

■ 193.4500,
-50.0148, -58.2766

■ 185.0330,
-57.6973, -67.5579

■ 176.5020,
-65.8165, -76.7393

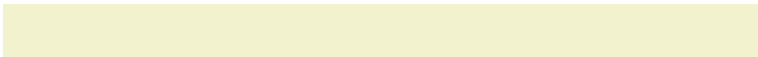
■ 167.9710,
-73.9357, -85.9206

■ 161.7330,
-79.7344, -92.7278

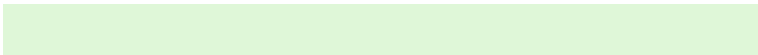
Harmonies

Analogous

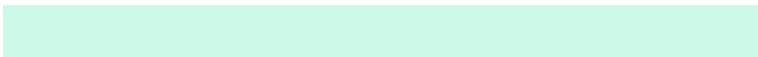
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.3090, -15.4353, 4.1140



236.2900, -10.0030, -11.6553



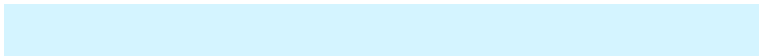
234.4930, -1.2290, -25.8654

Triad

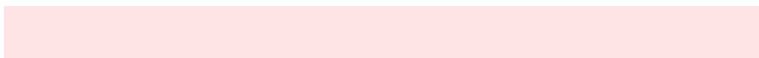
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.2900, -10.0030, -11.6553



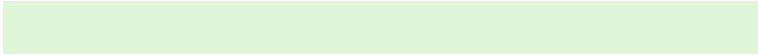
235.6860, 9.5218, -20.7726



236.3010, -3.1064, 16.3990

Complementary

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



236.2900, -10.0030, -11.6553



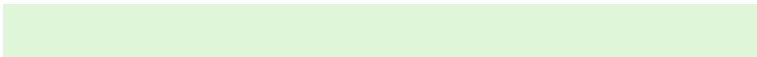
226.7100, 10.0030, 11.6553

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.



238.9400, 4.4666, 14.0846



236.2900, -10.0030, -11.6553



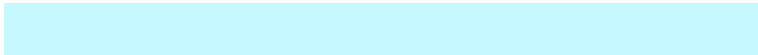
238.7420, 8.0152, -4.1587

Square

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



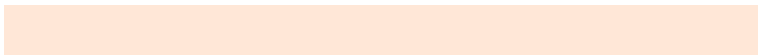
236.2900, -10.0030, -11.6553



233.8480, 10.4279, -31.4387



241.4990, 6.6560, 11.8404



236.3520, -10.5265, 16.3543

Rectangle

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



236.2900, -10.0030, -11.6553



234.3550, 4.7550, -31.8833



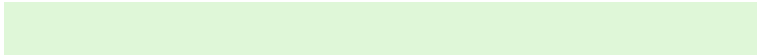
241.4990, 6.6560, 11.8404



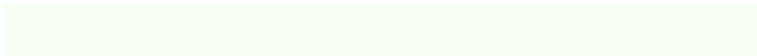
236.9850, -0.4856, 15.7992

Sweetspot

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



236.2900, -10.0030, -11.6553



251.4680, -3.1887, -3.9184



239.3570, -11.5150, 6.7029



125.7070, -2.3206, -2.3740



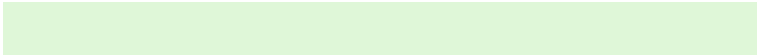
0.0000, 0.0000, 0.0000



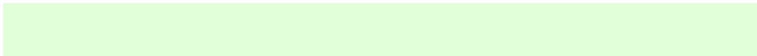
128.0000, 0.0000, 0.0000

Same Dimension

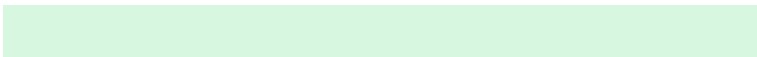
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.2900, -10.0030, -11.6553



241.6980, -12.1761, -14.6441



235.1090, -5.4767, -16.7586



117.9410, -3.9149, -4.3333



121.7400, -60.0178, -69.9320



38.5200, -18.9904, -22.3810

Inverse Universe

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



226.7100, 10.0030, 11.6553



230.0030, 12.3235, 14.0294



227.8910, 5.4767, 16.7586



114.3580, 3.7675, 4.9480



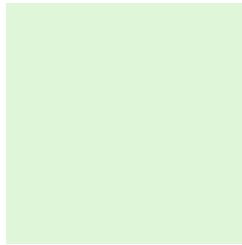
64.2600, 60.0178, 69.9320



20.1810, 19.1378, 21.7663

Previews

White Background



This preview shows how the YUV color 236.2900, -10.0030, -11.6553 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 236.2900, -10.0030, -11.6553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

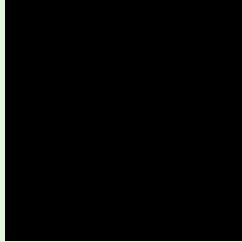
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

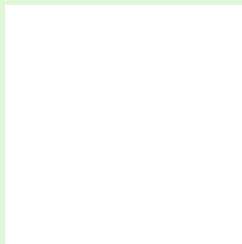
Any Text WCAG AAA ✓ Pass

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

YUV 236.2900, -10.0030, -11.6553 Background



This preview shows how black text looks on a background with the YUV color 236.2900, -10.0030, -11.6553.



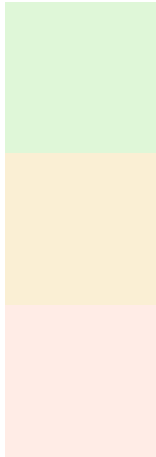
This preview shows how white text looks on a background with the YUV color 236.2900, -10.0030, -11.6553.

-11.6553.

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

236.2900, -10.0030, -11.6553

Protanopia

239.2110, -13.4150, 9.4620

Deuteranopia

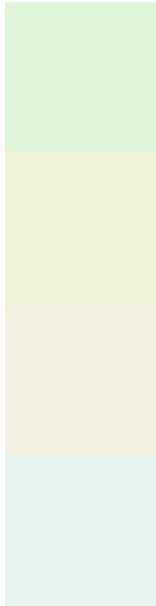
240.9970, -5.4215, 12.2806



Tritanopia

239.3180, 7.7312, -6.4179

Trichromacy



Original Color

236.2900, -10.0030, -11.6553

Protanomaly

238.0960, -12.3723, 1.6698

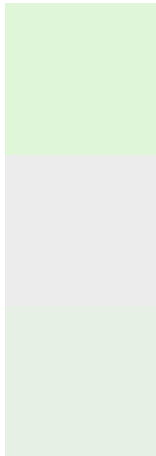
Deuteranomaly

239.1870, -6.9942, 3.3440

Tritanomaly

238.5860, 1.1901, -8.4069

Monochromacy



Original Color

236.2900, -10.0030, -11.6553

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.0550, -3.4781, -4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.2900, -10.0030, -11.6553 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(223, 247, 216)` looks like.

```
.text, #text, p{  
    color:rgb(223, 247, 216)  
}
```

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(223, 247, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 247, 216) }
```

Border

The CSS property to change the border of an element to YUV 236.2900, -10.0030, -11.6553 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(223, 247, 216) }
```


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

```
.border{ border-color:rgb(223, 247, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 247, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 247, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 247, 216);  
box-shadow:4px 4px 4px 4px rgb(223, 247,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 236.2900, -10.0030, -11.6553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 247, 216) }
```

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

```
.background{ background-color: rgb(223,  
247, 216) }
```

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