

Converting Colors

YUV(247.3190, 2.8007,
-11.6808)

Have a look what the booklet for
YUV(247.3190, 2.8007, -11.6808)
contains.

YUV(247.3190, 2.8007, -11.6808)	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(247.3190, 2.8007,
-11.6808)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFDFD
RGB	234, 253, 253
RGB Percent	92%, 99%, 99%
CMY	0.0824, 0.0078, 0.0078
CMYK	0.08, 0.00, 0.00, 0.01
HSL	180°, 83%, 95%
HSV	180°, 8%, 99%
XYZ	86.7866, 94.8348, 106.6593
YIQ	247.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

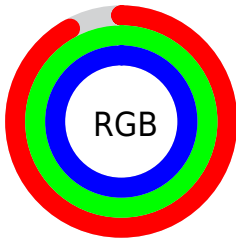
Format	Color
RYB	234, 244, 253
Decimal	15400445
CIELab	97.97, -6.16, -2.13
CIElCh	98, 6.523, 199.091
Yxy	94.8348, 0.3010, 0.3290
Android (android.graphics.Color)	4293590525 (0xFFEAFDFD)
YUV	247.3190, 2.8007, -11.6808
Hunter-Lab	97.3832, -11.3437, 3.2306

Details

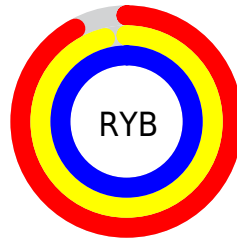
The YUV color `247.3190, 2.8007, -11.6808` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `239.6810, -2.8007, 11.6808`, and the grayscale version is `247.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `190.6180, 2.6533, -11.0660` is the 20% darker color. If you saturate the color by 10%, you get `239.8440, 6.4859, -27.0502`, and if you desaturate by 10%, it is `253.5980, -0.2948, 1.2296`.

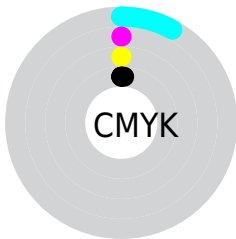
Distribution



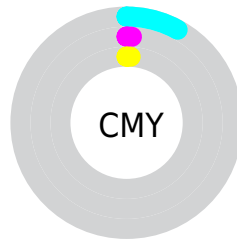
- Red (92%)
- Green (99%)
- Blue (99%)



- Red (92%)
- Yellow (96%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.3190, 2.8007, -11.6808 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 247.3190, 2.8007, -11.6808 by changing the saturation by 10% instead.

247.3190, 2.8007,
-11.6808

247.3190, 2.8007,
-11.6808

255.0000, 0.0000,
0.0000

218.6180, 2.6533,
-11.0660

190.6180, 2.6533,
-11.0660

163.6180, 2.6533,
-11.0660

137.6180, 2.6533,
-11.0660

111.9170, 2.5059,
-10.4512

87.3300, 2.7953,
-9.9364

64.2160, 2.3585,

-9.8364

■ 42.5150, 2.2111,
-9.2217

■ 21.2160, 2.3585,
-9.8364

■ 247.3190, 2.8007,
-11.6808

■ 247.3190, 2.8007,
-11.6808

■ 239.8440, 6.4859,
-27.0502

■ 253.5980, -0.2948,
1.2296

■ 232.0700, 10.3185,
-43.0344

■ 224.5950, 14.0037,
-58.4038

■ 217.1200, 17.6888,
-73.7732

■ 209.6450, 21.3740,
-89.1427

■ 201.8710, 25.2066,
-105.1269

■ 194.3960, 28.8918,
-120.4963

■ 186.9210, 32.5769,
-135.8657

■ 179.1470, 36.4095,
-151.8499

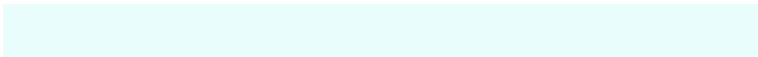
Harmonies

Analogous

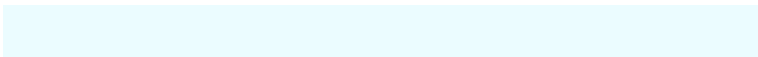
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.4180, -0.6991, -9.1366



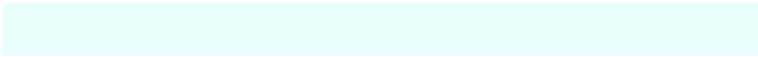
247.3190, 2.8007, -11.6808



247.2590, 3.8163, -10.7511

Triad

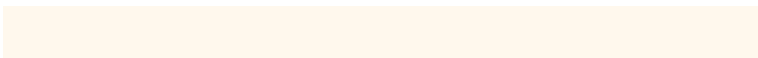
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.3190, 2.8007, -11.6808



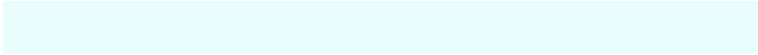
249.7170, 2.6045, 4.6332



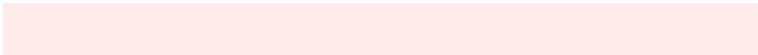
248.8390, -5.8366, 5.4032

Complementary

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



247.3190, 2.8007, -11.6808



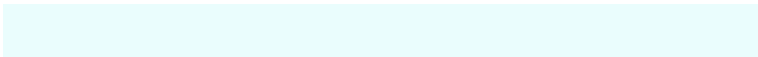
239.6810, -2.8007, 11.6808

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.



248.0070, -3.9475, 6.1329



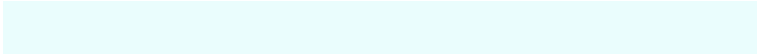
247.3190, 2.8007, -11.6808



248.7880, 1.5835, 5.4479

Square

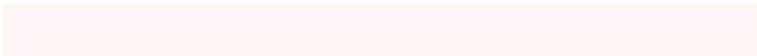
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.3190, 2.8007, -11.6808



248.7980, 3.0576, -0.6998



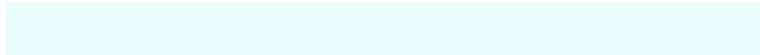
247.9900, -1.4741, 6.1478



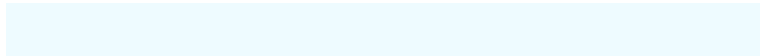
248.5180, -5.6784, 1.2997

Rectangle

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



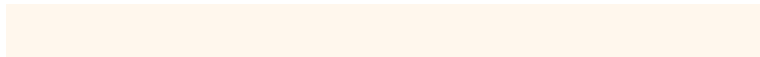
247.3190, 2.8007, -11.6808



247.5690, 3.6635, -8.3920



247.9900, -1.4741, 6.1478



248.2520, -5.5472, 5.9180

Sweetspot

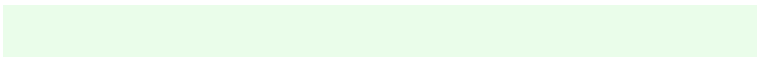
The Sweet Spot groups the original color and five complimentary colors.



247.3190, 2.8007, -11.6808



253.5050, 0.7370, -3.0739



245.1530, -5.4984, -9.7812



127.1030, 0.4422, -1.8443



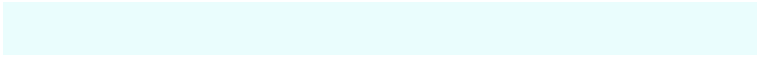
0.0000, 0.0000, 0.0000



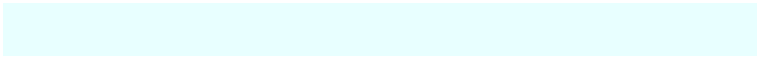
128.0000, 0.0000, 0.0000

Same Dimension

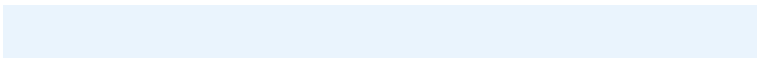
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.3190, 2.8007, -11.6808



248.1230, 3.3904, -14.1399



242.0360, 5.4053, -7.0476



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Inverse Universe

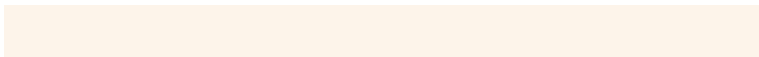
The Inverse Universe completely reimagines the original color for something new.



241.8470, 5.4984, 9.7812



241.4990, 6.6560, 11.8404



245.5510, -5.6946, 6.5328



120.3690, 3.7621, 6.6924



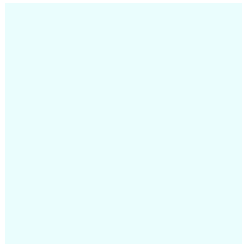
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 247.3190, 2.8007, -11.6808 looks on a white background.

Color Contrast Check

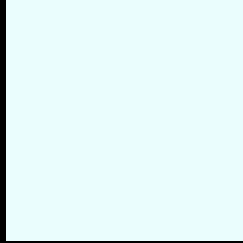
Large Text (above 18pt) WCAG AA × Fail

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 247.3190, 2.8007, -11.6808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

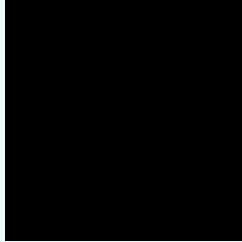
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 247.3190, 2.8007, -11.6808

Background



This preview shows how black text looks on a background with the YUV color 247.3190, 2.8007, -11.6808.



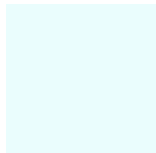
This preview shows how white text looks on a background with the YUV color 247.3190, 2.8007, -11.6808.

-11.608.

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

247.3190, 2.8007, -11.6808



Protanopia

249.7230, 0.1366, 2.8739

Deuteranopia

249.8480, 0.5679, 4.5183

Tritanopia

248.7870, 3.0630, -2.4442

Trichromacy



Original Color

247.3190, 2.8007, -11.6808

Protanomaly

248.9180, 1.0264, -2.5591

Deuteranomaly

248.7440, 1.6052, -1.5295

Tritanomaly

248.0640, 2.9264, -5.3181

Monochromacy



Original Color

247.3190, 2.8007, -11.6808

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

246.9070, 1.0318, -4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.3190, 2.8007, -11.6808 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(234, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(234, 253, 253)  
}
```

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(234, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 253, 253) }
```

Border

The CSS property to change the border of an element to YUV 247.3190, 2.8007, -11.6808 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(234, 253, 253) }
```


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

```
.border{ border-color:rgb(234, 253, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(234, 253,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 247.3190, 2.8007, -11.6808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 253, 253) }
```

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

```
.background{ background-color: rgb(234,  
253, 253) }
```

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