

Converting Colors

YUV(247.6900, 0.1528, -2.3591)

Have a look what the booklet for
YUV(247.6900, 0.1528, -2.3591)
contains.

YUV(247.6900, 0.1528, -2.3591)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**YUV(247.6900, 0.1528,
-2.3591)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F9F8
RGB	245, 249, 248
RGB Percent	96%, 98%, 97%
CMY	0.0392, 0.0235, 0.0275
CMYK	0.02, 0.00, 0.00, 0.02
HSL	165°, 25%, 97%
HSV	165°, 2%, 98%
XYZ	88.4751, 93.9412, 102.2763
YIQ	247.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

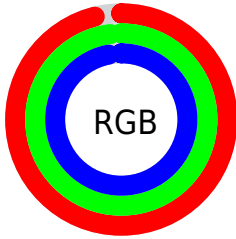
Format	Color
R_{YB}	245, 247, 249
Decimal	16120312
CIE Lab	97.61, -1.49, 0.01
CIE LCh	98, 1.491, 179.762
Yxy	93.9412, 0.3108, 0.3300
Android (android.graphics.Color)	4294310392 (0xFF5F9F8)
YUV	247.6900, 0.1528, -2.3591
Hunter-Lab	96.9232, -6.6742, 5.2817

Details

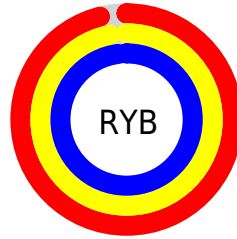
The YUV color `247.6900, 0.1528, -2.3591` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `246.3100, -0.1528, 2.3591`, and the grayscale version is `248.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `191.6900, 0.1528, -2.3591` is the 20% darker color. If you saturate the color by 10%, you get `239.5310, 1.2172, -17.1287`, and if you desaturate by 10%, it is `251.3640, 1.2995, 3.1888`.

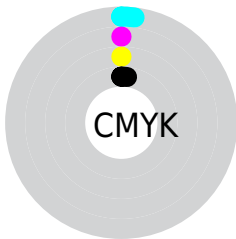
Distribution



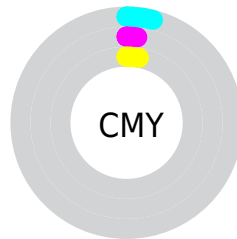
- Red (96%)
- Green (98%)
- Blue (97%)



- Red (96%)
- Yellow (97%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.6900, 0.1528, -2.3591 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 247.6900, 0.1528, -2.3591 by changing the saturation by 10% instead.

247.6900, 0.1528,
-2.3591

247.6900, 0.1528,
-2.3591

255.0000, 0.0000,
0.0000

218.9890, 0.0054,
-1.7444

191.6900, 0.1528,
-2.3591

164.1030, 0.4422,
-1.8443

137.9890, 0.0054,
-1.7444

112.6900, 0.1528,
-2.3591

87.9890, 0.0054,
-1.7444

64.9890, 0.0054,

-1.7444

■ 42.9890, 0.0054,
-1.7444

■ 22.4020, 0.2948,
-1.2296

■ 247.6900, 0.1528,
-2.3591

■ 247.6900, 0.1528,
-2.3591

■ 239.5310, 1.2172,
-17.1287

■ 251.3640, 1.2995,
3.1888

■ 231.3720, 2.2816,
-31.8982

■ 251.4780, 1.7363,
3.0888

■ 223.0990, 2.9092,
-46.5678

■ 214.9400, 3.9736,
-61.3374

■ 207.0800, 4.8906,
-75.4922

■ 198.9210, 5.9549,
-90.2617

■ 190.6480, 6.5825,
-104.9313

■ 182.4890, 7.6469,
-119.7009

■ 174.3300, 8.7113,
-134.4704

Harmonies

Analogous

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



247.8750, -0.4314, -1.6444



247.6900, 0.1528, -2.3591



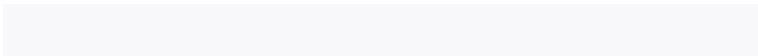
247.8040, 0.5896, -2.4591

Triad

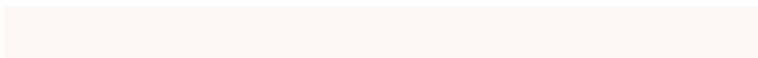
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.6900, 0.1528, -2.3591



248.3420, 1.3104, -0.2999



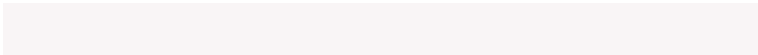
248.6690, -1.3158, 2.0443

Complementary

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



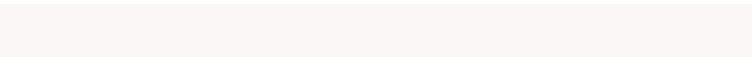
247.6900, 0.1528, -2.3591



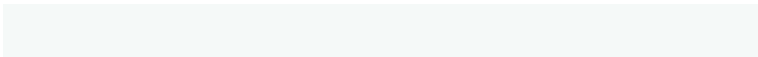
246.3100, -0.1528, 2.3591

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.



248.1960, -0.5896, 2.4591



247.6900, 0.1528, -2.3591



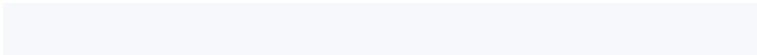
248.2390, 0.8682, 1.5444

Square

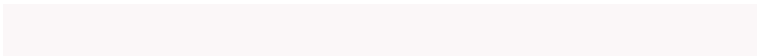
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



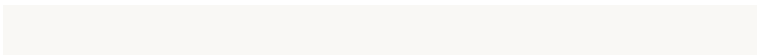
247.6900, 0.1528, -2.3591



248.0430, 1.4578, -0.9147



248.3100, -0.1528, 2.3591



247.9570, -1.4578, 0.9147

Rectangle

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



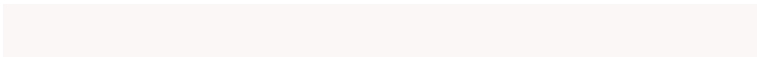
247.6900, 0.1528, -2.3591



247.9180, 1.0264, -2.5591



248.3100, -0.1528, 2.3591



248.0820, -1.0264, 2.5591

Sweetspot

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



247.6900, 0.1528, -2.3591

255.0000, 0.0000, 0.0000



247.6470, -1.3050, -1.4444



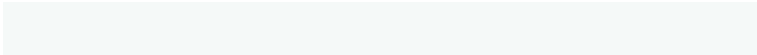
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

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



247.6900, 0.1528, -2.3591



253.3910, 0.3002, -2.9739



247.2170, 0.8790, -1.9443



123.9890, 0.0054, -1.7444



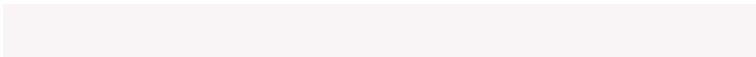
127.1310, 7.3304, -111.4939



41.0510, 2.4399, -36.0017

Inverse Universe

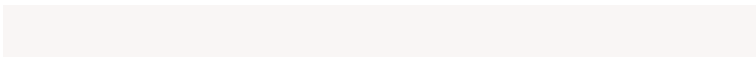
The Inverse Universe completely reimagines the original color for something new.



246.3100, -0.1528, 2.3591



251.6090, -0.3002, 2.9739



246.7830, -0.8790, 1.9443



123.0110, -0.0054, 1.7444



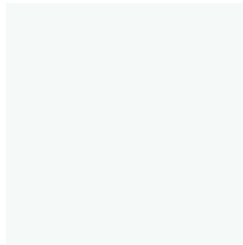
61.8690, -7.3304, 111.4939



19.9490, -2.4399, 36.0017

Previews

White Background



This preview shows how the YUV color 247.6900, 0.1528, -2.3591 looks on a white background.

Color Contrast Check

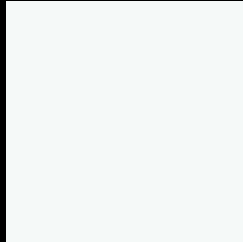
Large Text (above 18pt) WCAG AA × Fail

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 247.6900, 0.1528, -2.3591 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

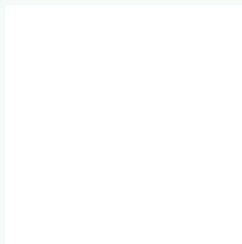
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.6900, 0.1528, -2.3591

Background



This preview shows how black text looks on a background with the YUV color 247.6900, 0.1528, -2.3591.



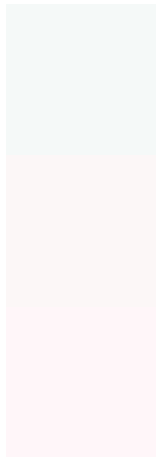
This preview shows how white text looks on a background with the YUV color 247.6900, 0.1528, -2.3591.

-2.391.

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

247.6900, 0.1528, -2.3591

Protanopia

248.4950, -0.7370, 3.0739

Deuteranopia

249.0330, -0.0163, 5.2331

Tritanopia

248.2110, 3.3470, -0.1850

Trichromacy



Original Color

247.6900, 0.1528, -2.3591

Protanomaly

248.1850, -0.5842, 0.7148

Deuteranomaly

248.4240, 0.2840, 2.2592

Tritanomaly

248.1570, 1.8946, -1.0147

Monochromacy



Original Color

247.6900, 0.1528, -2.3591

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

247.7010, 0.1474, -0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.6900, 0.1528, -2.3591 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(245, 249, 248)` looks like.

```
.text, #text, p{  
    color:rgb(245, 249, 248)  
}
```

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(245, 249, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 249, 248) }
```

Border

The CSS property to change the border of an element to YUV 247.6900, 0.1528, -2.3591 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(245, 249, 248) }
```

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

```
.border{ border-color:rgb(245, 249, 248) }
```

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

Here you see how a box with a 4 pixel rgb(245, 249, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 249, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 249, 248);  
box-shadow:4px 4px 4px 4px rgb(245, 249,  
248) }
```


Background

The CSS property to change the background color of an element to YUV 247.6900, 0.1528, -2.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 249, 248) }
```

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

```
.background{ background-color: rgb(245,  
249, 248) }
```

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