

Converting Colors

YUV(247.1890, 3.3578, -3.6738)

Have a look what the booklet for
YUV(247.1890, 3.3578, -3.6738)
contains.

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Color

**YUV(247.1890, 3.3578,
-3.6738)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F8FE
RGB	243, 248, 254
RGB Percent	95%, 97%, 100%
CMY	0.0471, 0.0275, 0.0039
CMYK	0.04, 0.02, 0.00, 0.00
HSL	213°, 85%, 97%
HSV	213°, 4%, 100%
XYZ	88.4189, 93.3452, 107.1232
YIQ	247.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

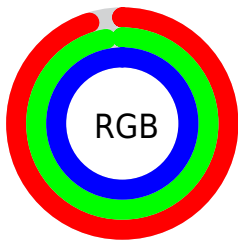
Format	Color
R_{YB}	243, 246, 254
Decimal	15988990
CIE Lab	97.37, -0.56, -3.46
CIE LCh	97, 3.500, 260.847
Yxy	93.3452, 0.3061, 0.3231
Android (android.graphics.Color)	4294179070 (0xFF3F8FE)
YUV	247.1890, 3.3578, -3.6738
Hunter-Lab	96.6153, -5.7200, 1.8924

Details

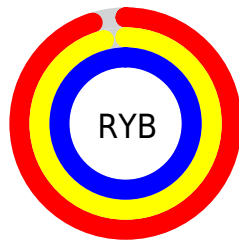
The YUV color $247.1890, 3.3578, -3.6738$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $249.8110, -3.3578, 3.6738$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $191.0750, 2.9210, -3.5738$ is the 20% darker color. If you saturate the color by 10%, you get $231.4960, 11.0945, -11.8360$, and if you desaturate by 10%, it is $254.8860, -0.4368, 0.1000$.

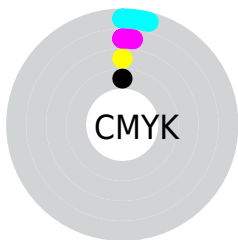
Distribution



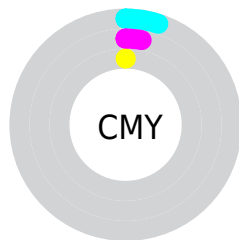
- Red (95%)
- Green (97%)
- Blue (100%)



- Red (95%)
- Yellow (96%)
- Blue (100%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.1890, 3.3578, -3.6738 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 247.1890, 3.3578, -3.6738 by changing the saturation by 10% instead.

247.1890, 3.3578,
-3.6738

247.1890, 3.3578,
-3.6738

255.0000, 0.0000,
0.0000

218.4880, 3.2104,
-3.0590

191.0750, 2.9210,
-3.5738

164.0750, 2.9210,
-3.5738

137.4880, 3.2104,
-3.0590

112.0750, 2.9210,
-3.5738

87.3740, 2.7736,
-2.9590

64.3740, 2.7736,

-2.9590

■ 42.3740, 2.7736,
-2.9590

■ 22.2600, 2.3368,
-2.8590

■ 247.1890, 3.3578,
-3.6738

■ 247.1890, 3.3578,
-3.6738

■ 231.4960, 11.0945,
-11.8360

254.8860, -0.4368,
0.1000

■ 215.5040, 18.9785,
-20.6130

■ 199.8110, 26.7152,
-28.7752

■ 184.4060, 34.3098,
-38.0671

■ 168.7130, 42.0465,
-46.2293

■ 153.0200, 49.7831,
-54.3915

■ 137.0280, 57.6672,
-63.1686

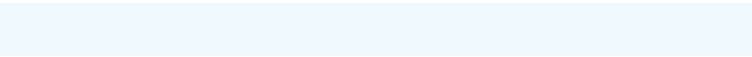
■ 121.3350, 65.4038,
-71.3308

■ 105.3430, 73.2879,
-80.1078

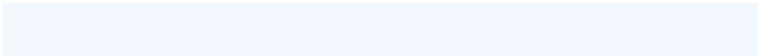
Harmonies

Analogous

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



246.7650, 3.0739, -5.9329



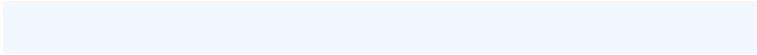
247.1890, 3.3578, -3.6738



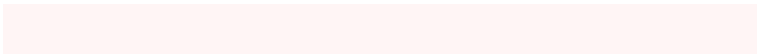
247.7980, 3.0576, -0.6998

Triad

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



247.1890, 3.3578, -3.6738



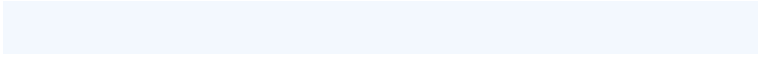
247.9900, -1.4741, 6.1478



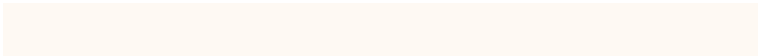
246.8210, -1.8838, -2.4740

Complementary

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



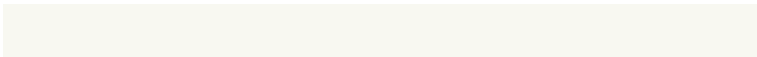
247.1890, 3.3578, -3.6738



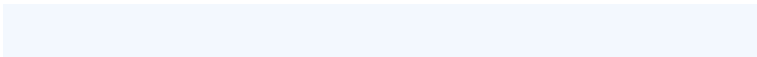
249.8110, -3.3578, 3.6738

Split Complementary

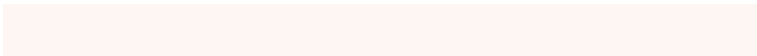
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.2020, -3.0576, 0.6998



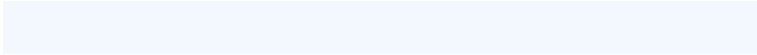
247.1890, 3.3578, -3.6738



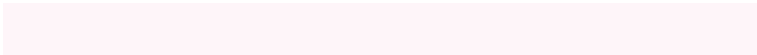
247.9360, -2.9264, 5.3181

Square

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



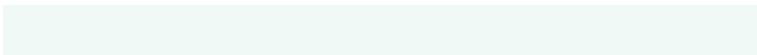
247.1890, 3.3578, -3.6738



248.1470, 0.4205, 5.1331



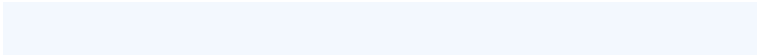
247.8110, -3.3578, 3.6738



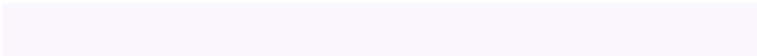
246.2660, -0.1311, -4.6183

Rectangle

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



247.1890, 3.3578, -3.6738



247.9940, 2.4680, 1.7593



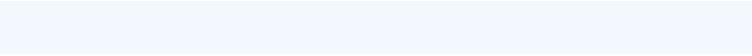
247.8110, -3.3578, 3.6738



247.0060, -2.4680, -1.7593

Sweetspot

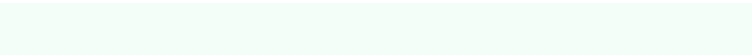
The Sweet Spot groups the original color and five complimentary colors.



247.1890, 3.3578, -3.6738



253.5160, 0.7316, -1.3295



250.1410, -0.5625, -6.2627



126.8150, 0.5842, -0.7148



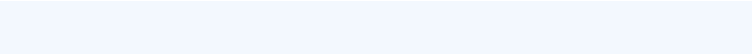
0.0000, 0.0000, 0.0000



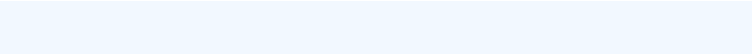
128.0000, 0.0000, 0.0000

Same Dimension

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



247.1890, 3.3578, -3.6738



247.0040, 3.9420, -4.3885



244.2540, 4.8048, -1.0998



122.6730, 2.6262, -2.3442



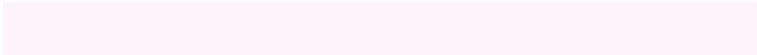
72.8430, 58.2514, -63.8833



24.3190, 19.5627, -21.3278

Inverse Universe

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



246.8590, 0.5625, 6.2627



246.5710, 0.7045, 7.3922



252.7460, -4.8048, 1.0998



122.7340, 0.1311, 4.6183



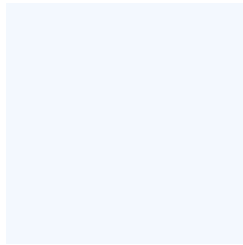
67.0270, 9.8467, 108.7243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 247.1890, 3.3578, -3.6738 looks on a white background.

Color Contrast Check

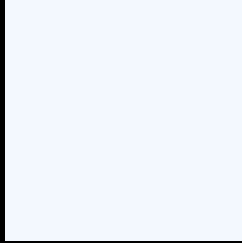
Large Text (above 18pt) WCAG AA × Fail

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 247.1890, 3.3578, -3.6738 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

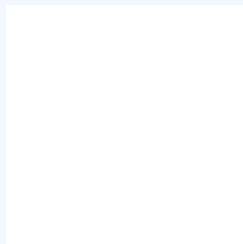
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.1890, 3.3578, -3.6738

Background



This preview shows how black text looks on a background with the YUV color 247.1890, 3.3578, -3.6738.



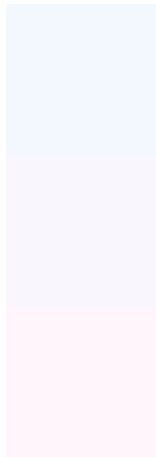
This preview shows how white text looks on a background with the YUV color 247.1890, 3.3578, -3.6738.

-3.638.

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

247.1890, 3.3578, -3.6738

Protanopia

247.9940, 2.4680, 1.7593

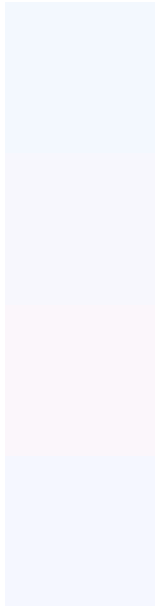
Deuteranopia

248.5600, 0.7099, 5.6479

Tritanopia

247.6130, 3.6418, -1.4146

Trichromacy



Original Color

247.1890, 3.3578, -3.6738

Protanomaly

247.6840, 2.6208, -0.5999

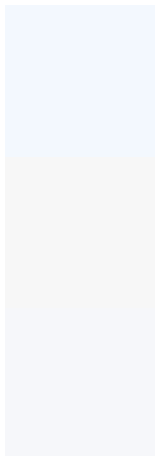
Deuteranomaly

248.0650, 1.4470, 2.5740

Tritanomaly

247.3140, 3.7892, -2.0294

Monochromacy



Original Color

247.1890, 3.3578, -3.6738

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.1890, 3.3578, -3.6738 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(243, 248, 254)` looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 254)  
}
```

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(243, 248, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 254) }
```

Border

The CSS property to change the border of an element to YUV 247.1890, 3.3578, -3.6738 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(243, 248, 254) }
```


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

```
.border{ border-color:rgb(243, 248, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 248, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 248, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 248, 254);  
box-shadow:4px 4px 4px 4px rgb(243, 248,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 247.1890, 3.3578, -3.6738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 248, 254) }
```

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

```
.background{ background-color: rgb(243,  
248, 254) }
```

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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