

Converting Colors

YUV(247.5800, 3.6581, -6.6477)

Have a look what the booklet for
YUV(247.5800, 3.6581, -6.6477)
contains.

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Color

**YUV(247.5800, 3.6581,
-6.6477)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0FAFF |
| RGB | 240, 250, 255 |
| RGB Percent | 94%, 98%, 100% |
| CMY | 0.0588, 0.0196, 0.0000 |
| CMYK | 0.06, 0.02, 0.00, 0.00 |
| HSL | 200°, 100%, 97% |
| HSV | 200°, 6%, 100% |
| XYZ | 88.1708, 94.1165, 108.1269 |
| YIQ | 247.5800, -7.5650, -0.5650 |

Conversions

Conversions Part 2

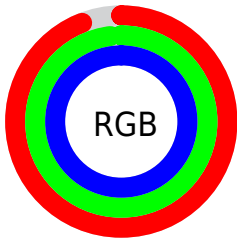
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 240, 246, 255 |
| Decimal | 15792895 |
| CIE Lab | 97.68, -2.36, -3.54 |
| CIE LCh | 98, 4.251, 236.340 |
| Yxy | 94.1165, 0.3036, 0.3241 |
| Android (android.graphics.Color) | 4293982975 (0xFFFF0FAFF) |
| YUV | 247.5800, 3.6581, -6.6477 |
| Hunter-Lab | 97.0136, -7.5443, 1.8277 |

Details

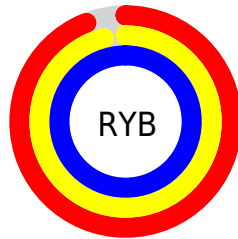
The YUV color `247.5800, 3.6581, -6.6477` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `247.4200, -3.6581, 6.6477`, and the grayscale version is `248.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `191.4660, 3.2213, -6.5477` is the 20% darker color. If you saturate the color by 10%, you get `235.4090, 9.6584, -17.8987`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

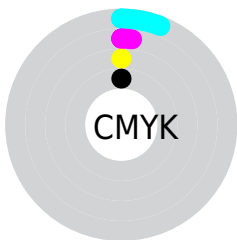
Distribution



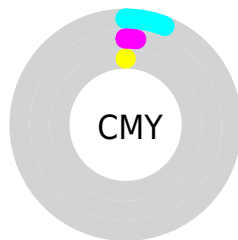
- Red (94%)
- Green (98%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.5800, 3.6581, -6.6477 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 247.5800, 3.6581, -6.6477 by changing the saturation by 10% instead.

247.5800, 3.6581,
-6.6477

247.5800, 3.6581,
-6.6477

255.0000, 0.0000,
0.0000

218.8790, 3.5107,
-6.0329

191.4660, 3.2213,
-6.5477

163.8790, 3.5107,
-6.0329

137.8790, 3.5107,
-6.0329

112.7650, 3.0739,
-5.9329

88.0640, 2.9264,
-5.3181

64.7650, 3.0739,

-5.9329

■ 42.9500, 2.4897,
-5.2181

■ 21.9500, 2.4897,
-5.2181

■ 247.5800, 3.6581,
-6.6477

■ 247.5800, 3.6581,
-6.6477

■ 235.4090, 9.6584,
-17.8987

255.0000, 0.0000,
0.0000

■ 222.3520, 16.0955,
-29.2497

■ 209.8820, 22.2432,
-41.1155

■ 197.1240, 28.5329,
-51.8517

■ 184.3660, 34.8226,
-62.5880

■ 171.8960, 40.9703,
-74.4538

■ 158.8390, 47.4074,
-85.8048

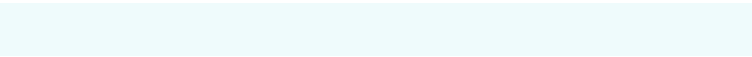
■ 146.6680, 53.4077,
-97.0558

■ 133.6110, 59.8448,
-108.4068

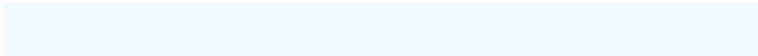
Harmonies

Analogous

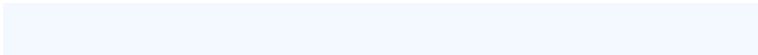
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.5260, 2.2057, -7.4773



247.5800, 3.6581, -6.6477



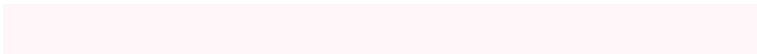
248.1890, 3.3578, -3.6738

Triad

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



247.5800, 3.6581, -6.6477



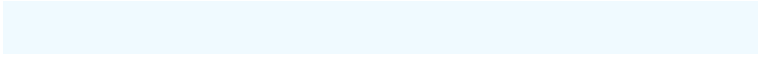
249.0330, -0.0163, 5.2331



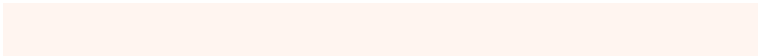
247.7890, -3.3470, 0.1850

Complementary

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



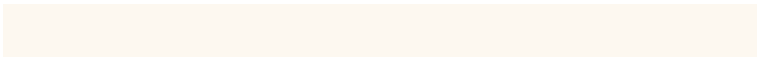
247.5800, 3.6581, -6.6477



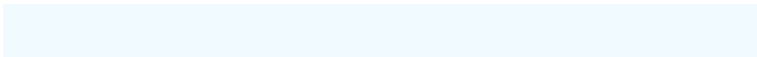
247.4200, -3.6581, 6.6477

Split Complementary

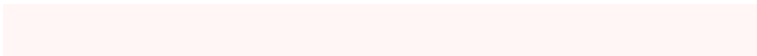
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.5830, -4.2314, 3.8737



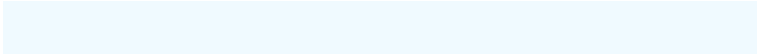
247.5800, 3.6581, -6.6477



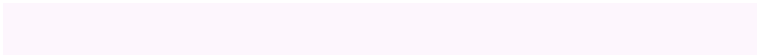
248.5770, -1.7635, 5.6330

Square

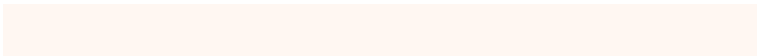
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



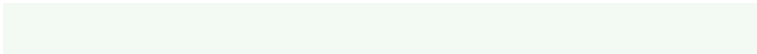
247.5800, 3.6581, -6.6477



248.8910, 2.0257, 3.6036



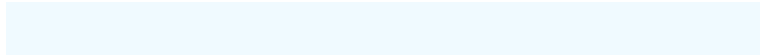
248.8220, -3.3632, 5.4181



247.2230, -1.5889, -3.7036

Rectangle

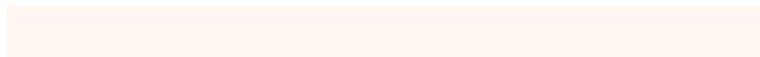
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247.5800, 3.6581, -6.6477



248.4990, 3.2050, -1.3146



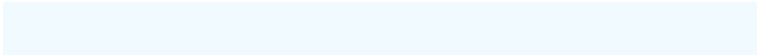
248.8220, -3.3632, 5.4181



247.9740, -3.9312, 0.8998

Sweetspot

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



247.5800, 3.6581, -6.6477



252.3310, 1.3158, -2.0443



249.3750, -2.1569, -8.2219



126.5160, 0.7316, -1.3295



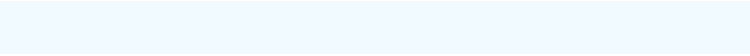
0.0000, 0.0000, 0.0000



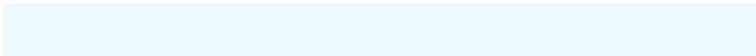
128.0000, 0.0000, 0.0000

Same Dimension

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



247.5800, 3.6581, -6.6477



246.0960, 4.3897, -7.9772



243.4710, 5.6838, -3.0441



122.3630, 2.7790, -4.7034



96.3230, 46.6758, -84.4753



31.9500, 15.8006, -28.0202

Inverse Universe

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



245.6250, 2.1569, 8.2219



243.7500, 2.5883, 9.8663



252.1160, -5.9732, 2.5293



121.0870, 1.4361, 6.0627



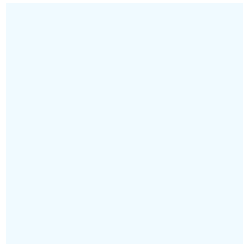
71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 247.5800, 3.6581, -6.6477 looks on a white background.

Color Contrast Check

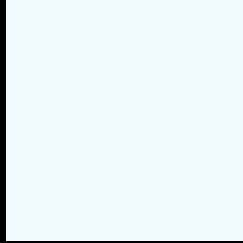
Large Text (above 18pt) WCAG AA × Fail

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 247.5800, 3.6581, -6.6477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

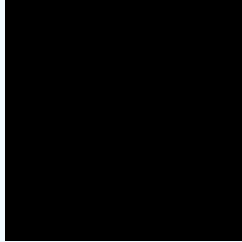
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

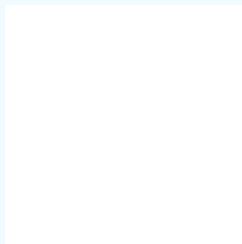
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.5800, 3.6581, -6.6477

Background



This preview shows how black text looks on a background with the YUV color 247.5800, 3.6581, -6.6477.



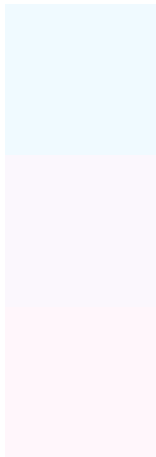
This preview shows how white text looks on a background with the YUV color 247.5800, 3.6581, -6.6477.

-6.677.

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

247.5800, 3.6581, -6.6477

Protanopia

248.8800, 2.0312, 1.8592

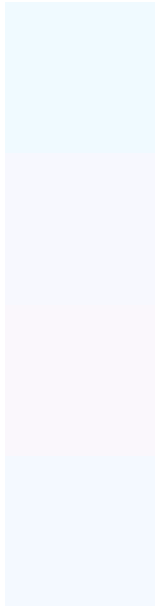
Deuteranopia

249.2610, 0.8573, 5.0331

Tritanopia

248.2000, 3.3524, -1.9294

Trichromacy



Original Color

247.5800, 3.6581, -6.6477

Protanomaly

248.3850, 2.7682, -1.2146

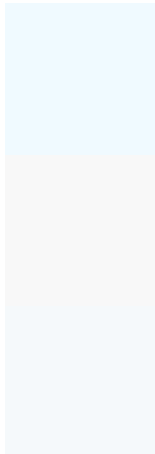
Deuteranomaly

248.4670, 1.7418, 1.3444

Tritanomaly

248.1890, 3.3578, -3.6738

Monochromacy



Original Color

247.5800, 3.6581, -6.6477

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

248.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.5800, 3.6581, -6.6477 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(240, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 250, 255)  
}
```

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(240, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 250, 255) }
```

Border

The CSS property to change the border of an element to YUV 247.5800, 3.6581, -6.6477 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(240, 250, 255) }
```


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

```
.border{ border-color:rgb(240, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 250,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 247.5800, 3.6581, -6.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 250, 255) }
```

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

```
.background{ background-color: rgb(240,  
250, 255) }
```

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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