

Converting Colors

YUV(243.7970, 4.5371, -8.5920)

Have a look what the booklet for
YUV(243.7970, 4.5371, -8.5920)
contains.

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Color

**YUV(243.7970, 4.5371,
-8.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	EA7FD
RGB	234, 247, 253
RGB Percent	92%, 97%, 99%
CMY	0.0824, 0.0314, 0.0078
CMYK	0.08, 0.02, 0.00, 0.01
HSL	199°, 83%, 95%
HSV	199°, 8%, 99%
XYZ	84.9221, 91.1058, 106.0378
YIQ	243.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

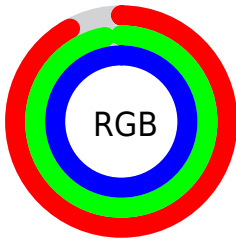
Format	Color
RYB	234, 242, 253
Decimal	15398909
CIELab	96.45, -3.14, -4.36
CIELCh	96, 5.370, 234.233
Yxy	91.1058, 0.3011, 0.3230
Android (android.graphics.Color)	4293588989 (0xFFEAF7FD)
YUV	243.7970, 4.5371, -8.5920
Hunter-Lab	95.4494, -8.2235, 0.9474

Details

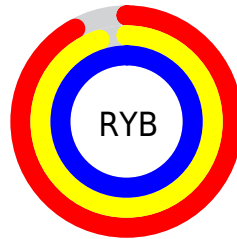
The YUV color `243.7970, 4.5371, -8.5920` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `243.2030, -4.5371, 8.5920`, and the grayscale version is `244.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `187.6830, 4.1003, -8.4920` is the 20% darker color. If you saturate the color by 10%, you get `231.6260, 10.5374, -19.8430`, and if you desaturate by 10%, it is `254.7720, -0.8736, 0.2000`.

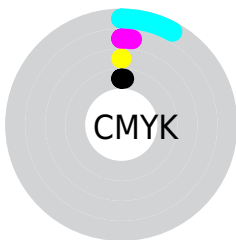
Distribution



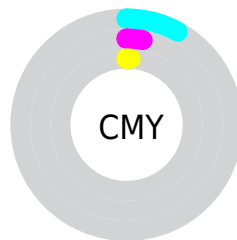
- Red (92%)
- Green (97%)
- Blue (99%)



- Red (92%)
- Yellow (95%)
- Blue (99%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.7970, 4.5371, -8.5920 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 243.7970, 4.5371, -8.5920 by changing the saturation by 10% instead.

243.7970, 4.5371,
-8.5920

243.7970, 4.5371,
-8.5920

255.0000, 0.0000,
0.0000

215.6830, 4.1003,
-8.4920

187.6830, 4.1003,
-8.4920

160.6830, 4.1003,
-8.4920

134.3950, 4.2423,
-7.3624

108.9820, 3.9529,
-7.8772

84.9820, 3.9529,
-7.8772

61.5800, 3.6581,

-6.6477

■ 39.5800, 3.6581,
-6.6477

■ 18.8680, 3.5161,
-7.7772

■ 243.7970, 4.5371,
-8.5920

■ 243.7970, 4.5371,
-8.5920

■ 231.6260, 10.5374,
-19.8430

254.7720, -0.8736,
0.2000

■ 219.1560, 16.6851,
-31.7088

■ 206.9850, 22.6854,
-42.9598

■ 194.8140, 28.6857,
-54.2109

■ 182.6430, 34.6860,
-65.4619

■ 170.1730, 40.8337,
-77.3277

■ 158.0020, 46.8340,
-88.5788

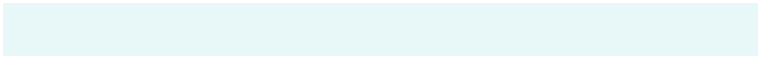
■ 145.8310, 52.8343,
-99.8298

■ 133.3610, 58.9820,
-111.6956

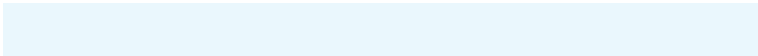
Harmonies

Analogous

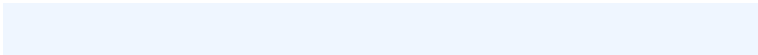
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.3300, 2.7953, -9.9364



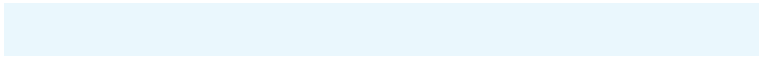
243.7970, 4.5371, -8.5920



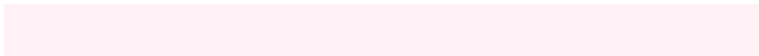
244.9330, 4.9630, -5.2032

Triad

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



243.7970, 4.5371, -8.5920



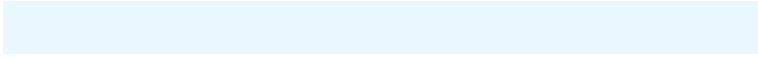
245.7560, 0.1203, 8.1070



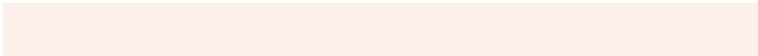
244.4470, -4.6574, 0.4850

Complementary

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



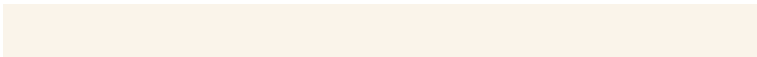
243.7970, 4.5371, -8.5920



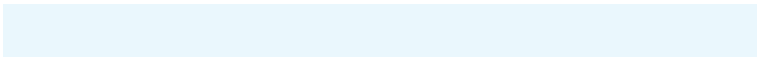
243.2030, -4.5371, 8.5920

Split Complementary

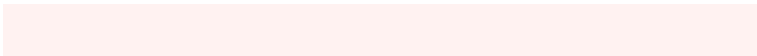
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.6540, -5.2524, 4.6884



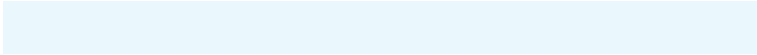
243.7970, 4.5371, -8.5920



245.7730, -2.3531, 8.0921

Square

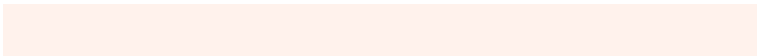
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



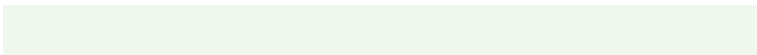
243.7970, 4.5371, -8.5920



245.7170, 2.6045, 4.6332



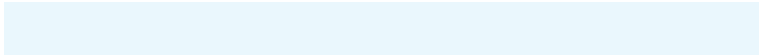
245.2030, -4.5371, 8.5920



243.6960, -2.3151, -4.1184

Rectangle

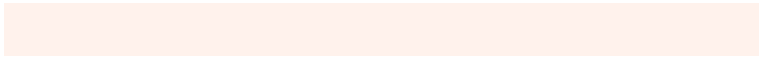
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



243.7970, 4.5371, -8.5920



244.9550, 4.9522, -1.7145



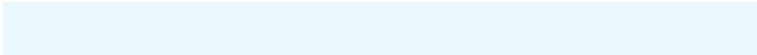
245.2030, -4.5371, 8.5920



244.4580, -4.6628, 2.2293

Sweetspot

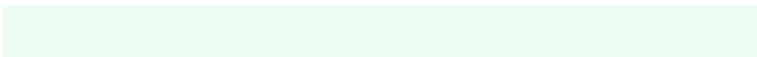
The Sweet Spot groups the original color and five complimentary colors.



243.7970, 4.5371, -8.5920



252.3310, 1.3158, -2.0443



245.8370, -2.8776, -10.3810



126.5160, 0.7316, -1.3295



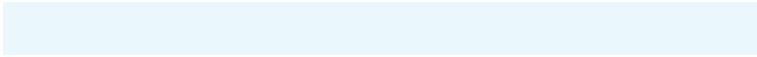
0.0000, 0.0000, 0.0000



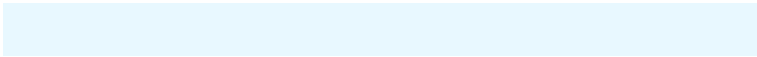
128.0000, 0.0000, 0.0000

Same Dimension

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



243.7970, 4.5371, -8.5920



244.0140, 5.4161, -10.5363



238.5140, 7.1416, -3.9588



121.1780, 3.3632, -5.4181



98.6710, 45.5182, -86.5345



33.1240, 15.2219, -29.0497

Inverse Universe

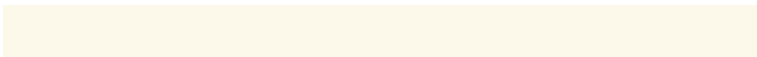
The Inverse Universe completely reimagines the original color for something new.



241.1630, 2.8776, 10.3810



240.7010, 3.5984, 12.5402



248.4860, -7.1416, 3.9588



119.7990, 1.5781, 7.1923



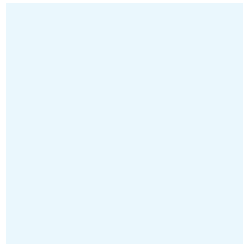
72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 243.7970, 4.5371, -8.5920 looks on a white background.

Color Contrast Check

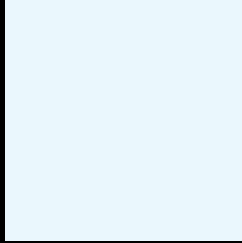
Large Text (above 18pt) WCAG AA × Fail

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 243.7970, 4.5371, -8.5920 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

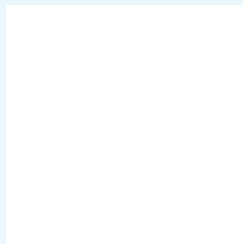
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 243.7970, 4.5371, -8.5920

Background



This preview shows how black text looks on a background with the YUV color 243.7970, 4.5371, -8.5920.



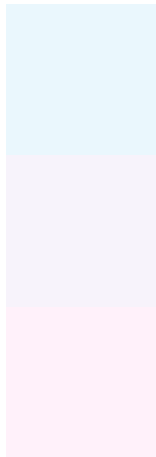
This preview shows how white text looks on a background with the YUV color 243.7970, 4.5371, -8.5920.

-8.5920,

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

243.7970, 4.5371, -8.5920

Protanopia

245.1080, 2.9048, 1.6593

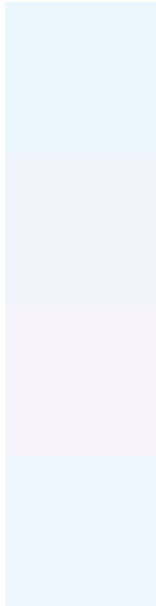
Deuteranopia

246.2120, 1.8675, 7.7071

Tritanopia

244.6450, 5.1050, -4.0737

Trichromacy



Original Color

243.7970, 4.5371, -8.5920

Protanomaly

244.3140, 3.7892, -2.0294

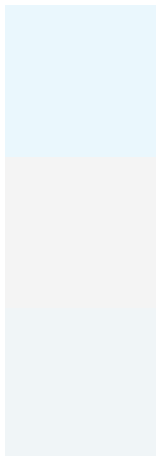
Deuteranomaly

245.1080, 2.9048, 1.6593

Tritanomaly

244.5200, 4.6736, -5.7180

Monochromacy



Original Color

243.7970, 4.5371, -8.5920

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

243.7330, 1.6106, -3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.7970, 4.5371, -8.5920 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, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(234, 247, 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, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 247, 253) }
```

Border

The CSS property to change the border of an element to YUV 243.7970, 4.5371, -8.5920 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, 247, 253) }
```


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

```
.border{ border-color:rgb(234, 247, 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, 247, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(234, 247,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 243.7970, 4.5371, -8.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 247, 253) }
```

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

```
.background{ background-color: rgb(234,  
247, 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](#).

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