

Converting Colors

YUV(244.7970, 4.5371, -8.5920)

Have a look what the booklet for
YUV(244.7970, 4.5371, -8.5920)
contains.

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Color

**YUV(244.7970, 4.5371,
-8.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF8FE
RGB	235, 248, 254
RGB Percent	92%, 97%, 100%
CMY	0.0784, 0.0275, 0.0039
CMYK	0.07, 0.02, 0.00, 0.00
HSL	199°, 90%, 96%
HSV	199°, 7%, 100%
XYZ	85.7177, 91.9527, 106.9968
YIQ	244.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

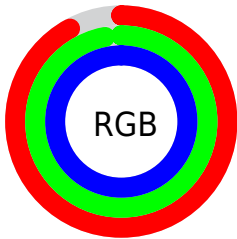
Format	Color
R _{YB}	235, 243, 254
Decimal	15464702
CIE Lab	96.80, -3.14, -4.35
CIE LCh	97, 5.366, 234.231
Yxy	91.9527, 0.3011, 0.3230
Android (android.graphics.Color)	4293654782 (0xFFEBF8FE)
YUV	244.7970, 4.5371, -8.5920
Hunter-Lab	95.8920, -8.2500, 0.9683

Details

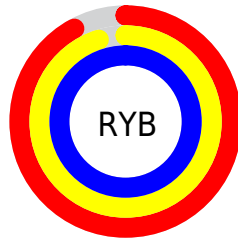
The YUV color `244.7970, 4.5371, -8.5920` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `244.2030, -4.5371, 8.5920`, and the grayscale version is `245.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `188.6830, 4.1003, -8.4920` is the 20% darker color. If you saturate the color by 10%, you get `232.6260, 10.5374, -19.8430`, and if you desaturate by 10%, it is `254.8860, -0.4368, 0.1000`.

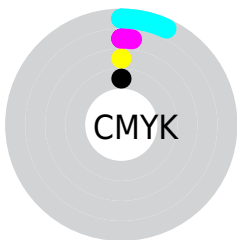
Distribution



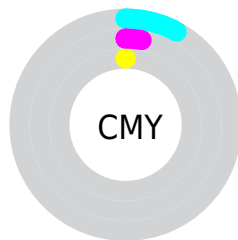
- Red (92%)
- Green (97%)
- Blue (100%)



- Red (92%)
- Yellow (95%)
- Blue (100%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.7970, 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 244.7970, 4.5371, -8.5920 by changing the saturation by 10% instead.

244.7970, 4.5371,
-8.5920

244.7970, 4.5371,
-8.5920

255.0000, 0.0000,
0.0000

216.0960, 4.3897,
-7.9772

188.6830, 4.1003,
-8.4920

161.6830, 4.1003,
-8.4920

135.0960, 4.3897,
-7.9772

109.9820, 3.9529,
-7.8772

85.2810, 3.8055,
-7.2624

62.2810, 3.8055,

-7.2624

■ 40.5800, 3.6581,
-6.6477

■ 19.8680, 3.5161,
-7.7772

■ 244.7970, 4.5371,
-8.5920

■ 244.7970, 4.5371,
-8.5920

■ 232.6260, 10.5374,
-19.8430

254.8860, -0.4368,
0.1000

■ 220.1560, 16.6851,
-31.7088

■ 207.9850, 22.6854,
-42.9598

■ 195.5150, 28.8331,
-54.8257

■ 183.3440, 34.8334,
-66.0767

■ 171.1730, 40.8337,
-77.3277

■ 158.7030, 46.9814,
-89.1935

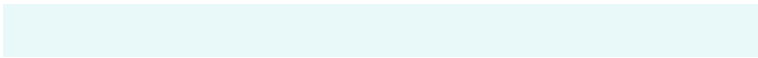
■ 146.5320, 52.9817,
-100.4446

■ 134.0620, 59.1294,
-112.3104

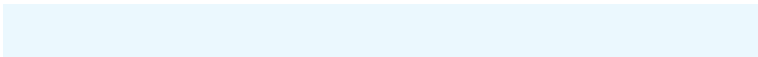
Harmonies

Analogous

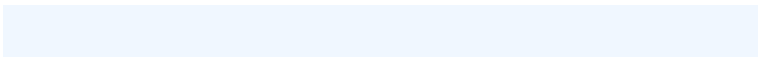
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.3300, 2.7953, -9.9364



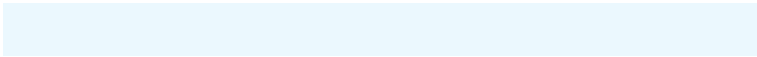
244.7970, 4.5371, -8.5920



245.8190, 4.5262, -5.1033

Triad

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



244.7970, 4.5371, -8.5920



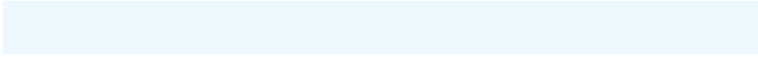
246.4570, 0.2677, 7.4922



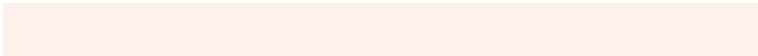
245.4470, -4.6574, 0.4850

Complementary

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



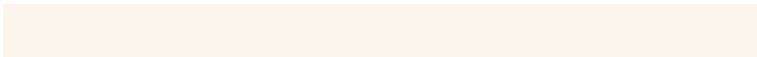
244.7970, 4.5371, -8.5920



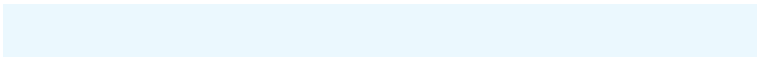
244.2030, -4.5371, 8.5920

Split Complementary

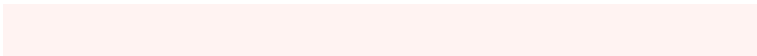
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.6540, -5.2524, 4.6884



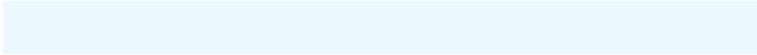
244.7970, 4.5371, -8.5920



246.4740, -2.2057, 7.4773

Square

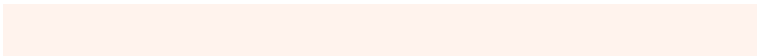
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



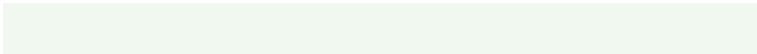
244.7970, 4.5371, -8.5920



246.7170, 2.6045, 4.6332



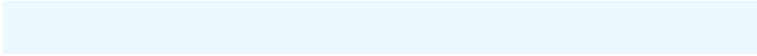
245.9040, -4.3897, 7.9772



244.6960, -2.3151, -4.1184

Rectangle

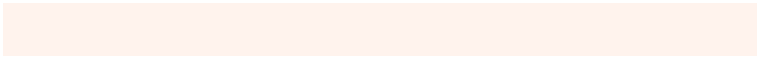
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.7970, 4.5371, -8.5920



245.8410, 4.5154, -1.6146



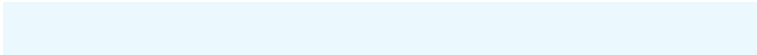
245.9040, -4.3897, 7.9772



245.4580, -4.6628, 2.2293

Sweetspot

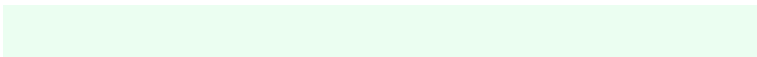
The Sweet Spot groups the original color and five complimentary colors.



244.7970, 4.5371, -8.5920



252.3310, 1.3158, -2.0443



246.8370, -2.8776, -10.3810



126.5160, 0.7316, -1.3295



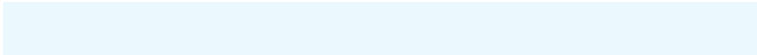
0.0000, 0.0000, 0.0000



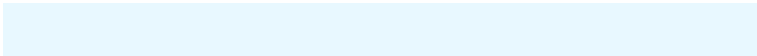
128.0000, 0.0000, 0.0000

Same Dimension

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



244.7970, 4.5371, -8.5920



244.0140, 5.4161, -10.5363



239.5140, 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.



242.1630, 2.8776, 10.3810



240.7010, 3.5984, 12.5402



249.4860, -7.1416, 3.9588



119.7990, 1.5781, 7.1923



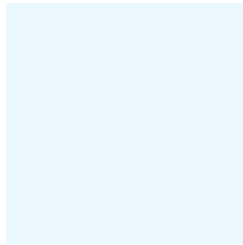
72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 244.7970, 4.5371, -8.5920 looks on a white background.

Color Contrast Check

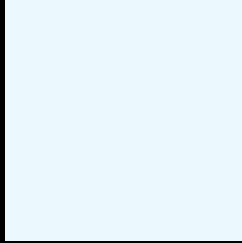
Large Text (above 18pt) WCAG AA × Fail

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 244.7970, 4.5371, -8.5920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

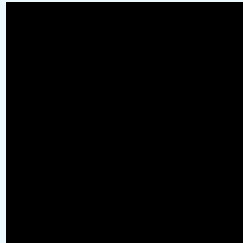
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

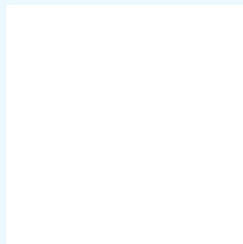
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.7970, 4.5371, -8.5920

Background



This preview shows how black text looks on a background with the YUV color 244.7970, 4.5371, -8.5920.



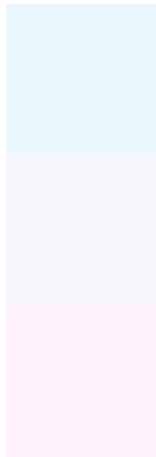
This preview shows how white text looks on a background with the YUV color 244.7970, 4.5371, -8.5920.

-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

244.7970, 4.5371, -8.5920

Protanopia

246.1080, 2.9048, 1.6593

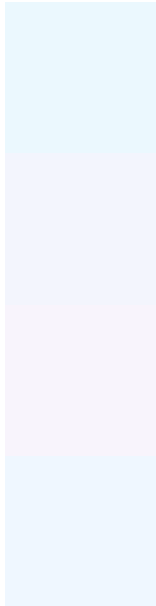
Deuteranopia

246.9130, 2.0149, 7.0923

Tritanopia

245.8300, 4.5208, -3.3589

Trichromacy



Original Color

244.7970, 4.5371, -8.5920

Protanomaly

245.3140, 3.7892, -2.0294

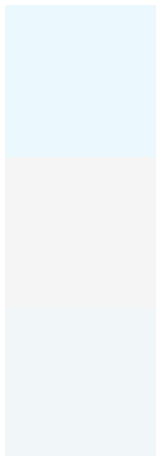
Deuteranomaly

246.1080, 2.9048, 1.6593

Tritanomaly

245.5200, 4.6736, -5.7180

Monochromacy



Original Color

244.7970, 4.5371, -8.5920

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

244.7330, 1.6106, -3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.7970, 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(235, 248, 254)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 248, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 248, 254) }
```

Border

The CSS property to change the border of an element to YUV 244.7970, 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(235, 248, 254) }
```


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

```
.border{ border-color:rgb(235, 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(235, 248, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 248, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 248, 254);  
box-shadow:4px 4px 4px 4px rgb(235, 248,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 244.7970, 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(235, 248, 254) }
```

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

```
.background{ background-color: rgb(235,  
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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