

Converting Colors

YUV(244.5570, 5.1484,
-18.0285)

Have a look what the booklet for
YUV(244.5570, 5.1484, -18.0285)
contains.

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Color

**YUV(244.5570, 5.1484,
-18.0285)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FDFF
RGB	224, 253, 255
RGB Percent	88%, 99%, 100%
CMY	0.1216, 0.0078, 0.0000
CMYK	0.12, 0.01, 0.00, 0.00
HSL	184°, 100%, 94%
HSV	184°, 12%, 100%
XYZ	83.9157, 93.3179, 108.1971
YIQ	244.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

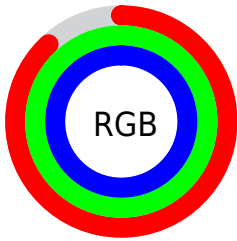
Format	Color
R _Y B	224, 239, 255
Decimal	14745087
CIE Lab	97.36, -8.94, -4.14
CIE LCh	97, 9.851, 204.832
Yxy	93.3179, 0.2940, 0.3269
Android (android.graphics.Color)	4292935167 (0xFFE0FDFF)
YUV	244.5570, 5.1484, -18.0285
Hunter-Lab	96.6012, -13.9922, 1.2137

Details

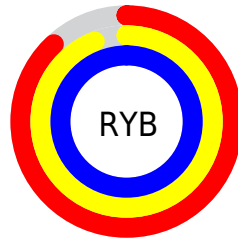
The YUV color $244.5570, 5.1484, -18.0285$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $234.4430, -5.1484, 18.0285$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.1550, 4.8536, -16.7989$ is the 20% darker color. If you saturate the color by 10%, you get $235.9080, 9.4124, -32.3683$, and if you desaturate by 10%, it is $253.5050, 0.7370, -3.0739$.

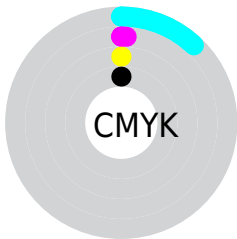
Distribution



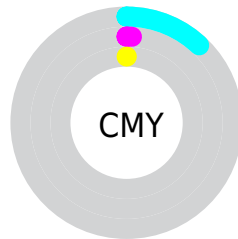
- Red (88%)
- Green (99%)
- Blue (100%)



- Red (88%)
- Yellow (94%)
- Blue (100%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.5570, 5.1484, -18.0285 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 244.5570, 5.1484, -18.0285 by changing the saturation by 10% instead.

244.5570, 5.1484,
-18.0285

244.5570, 5.1484,
-18.0285

255.0000, 0.0000,
0.0000

215.8560, 5.0010,
-17.4137

188.1550, 4.8536,
-16.7989

161.1550, 4.8536,
-16.7989

135.1550, 4.8536,
-16.7989

109.4540, 4.7062,
-16.1842

84.7530, 4.5588,
-15.5694

61.7530, 4.5588,

-15.5694

■ 39.0520, 4.4114,
-14.9546

■ 18.3400, 4.2694,
-16.0842

■ 244.5570, 5.1484,
-18.0285

■ 244.5570, 5.1484,
-18.0285

■ 235.9080, 9.4124,
-32.3683

■ 253.5050, 0.7370,
-3.0739

■ 227.5470, 13.5343,
-47.8377

255.0000, 0.0000,
0.0000

■ 218.5990, 17.9457,
-62.7923

■ 209.9500, 22.2097,
-77.1321

■ 201.8880, 26.1842,
-91.9868

■ 192.9400, 30.5956,
-106.9414

■ 184.2910, 34.8595,
-121.2812

■ 175.9300, 38.9815,
-136.7506

■ 169.3630, 42.2190,
-148.5314

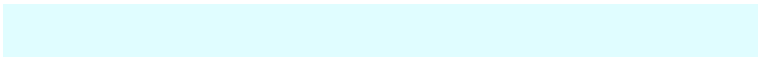
Harmonies

Analogous

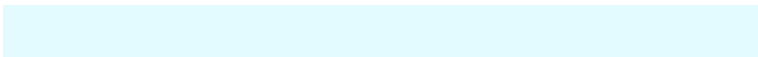
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.3140, 0.3382, -15.1844



244.5570, 5.1484, -18.0285



244.2800, 5.2850, -15.1546

Triad

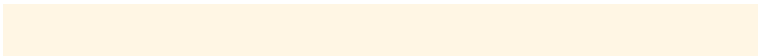
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.5570, 5.1484, -18.0285



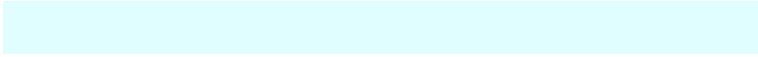
247.9560, 3.4727, 6.1776



246.6390, -9.1890, 7.3326

Complementary

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



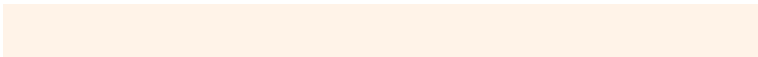
244.5570, 5.1484, -18.0285



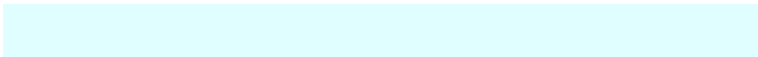
234.4430, -5.1484, 18.0285

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.



245.3340, -6.5737, 8.4771



244.5570, 5.1484, -18.0285



246.0980, 1.4307, 7.8071

Square

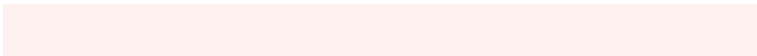
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



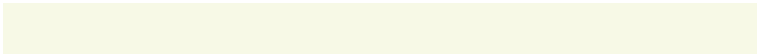
244.5570, 5.1484, -18.0285



246.7380, 4.0732, 0.2298



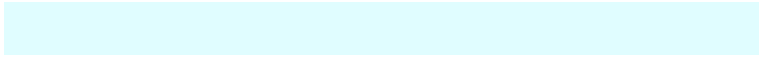
245.0720, -2.5005, 8.7069



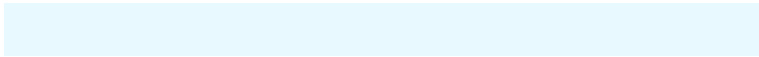
246.2360, -8.0043, 0.6700

Rectangle

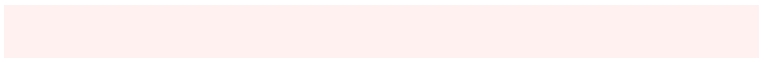
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



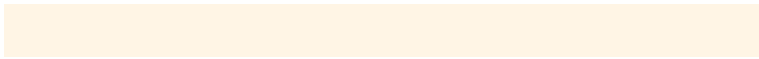
244.5570, 5.1484, -18.0285



245.1880, 4.8373, -11.5659



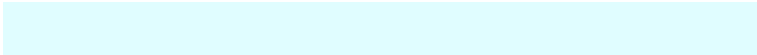
245.0720, -2.5005, 8.7069



246.1660, -8.4628, 7.7474

Sweetspot

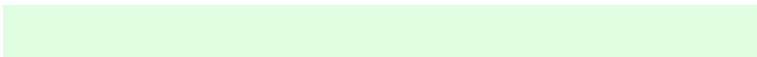
The Sweet Spot groups the original color and five complimentary colors.



244.5570, 5.1484, -18.0285



251.4230, 1.7635, -5.6330



242.4250, -8.0975, -16.1587



125.3200, 1.3212, -3.7886



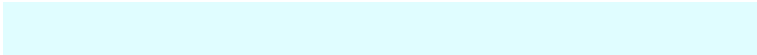
0.0000, 0.0000, 0.0000



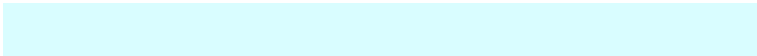
128.0000, 0.0000, 0.0000

Same Dimension

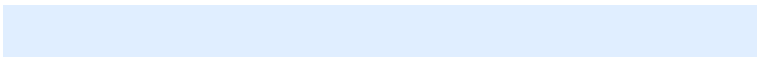
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.5570, 5.1484, -18.0285



242.4640, 6.1802, -22.3319



235.7520, 9.4893, -10.3065



123.5260, 2.2057, -7.4773



126.8470, 31.6274, -111.2448



42.5160, 10.5916, -37.2865

Inverse Universe

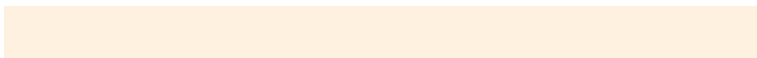
The Inverse Universe completely reimagines the original color for something new.



236.5750, 8.0975, 16.1587



232.4660, 10.1233, 19.7623



243.2480, -9.4893, 10.3065



120.2550, 3.3253, 6.7924



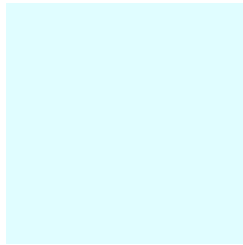
77.5150, 50.0321, 99.5263



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 244.5570, 5.1484, -18.0285 looks on a white background.

Color Contrast Check

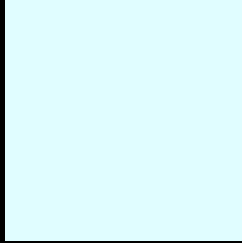
Large Text (above 18pt) WCAG AA × Fail

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 244.5570, 5.1484, -18.0285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

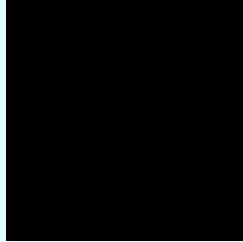
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 244.5570, 5.1484, -18.0285

Background



This preview shows how black text looks on a background with the YUV color 244.5570, 5.1484, -18.0285.



This preview shows how white text looks on a background with the YUV color 244.5570, 5.1484, -18.0285.

-18.0285.

Color Blindness Simulation

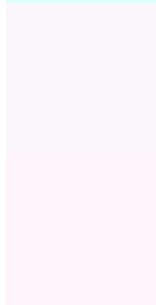
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

244.5570, 5.1484, -18.0285



Protanopia

247.7660, 1.5944, 1.9592

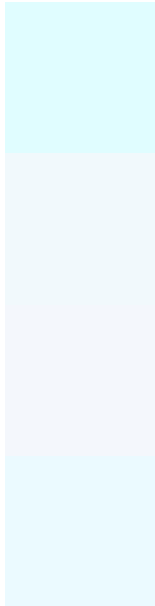
Deuteranopia

248.0870, 1.4361, 6.0627

Tritanopia

246.7050, 4.0894, -5.0033

Trichromacy



Original Color

244.5570, 5.1484, -18.0285

Protanomaly

246.9500, 2.4897, -5.2181

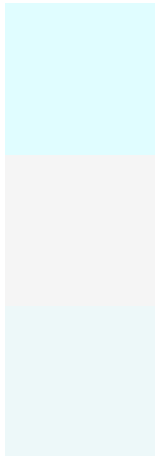
Deuteranomaly

246.6730, 2.6262, -2.3442

Tritanomaly

246.0850, 4.3951, -9.7215

Monochromacy



Original Color

244.5570, 5.1484, -18.0285

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

244.8250, 2.0583, -6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.5570, 5.1484, -18.0285 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(224, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 253, 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(224, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 253, 255) }
```

Border

The CSS property to change the border of an element to YUV 244.5570, 5.1484, -18.0285 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(224, 253, 255) }
```


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

```
.border{ border-color:rgb(224, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 253,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 244.5570, 5.1484, -18.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 253, 255) }
```

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

```
.background{ background-color: rgb(224,  
253, 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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