

Converting Colors

YUV(245.2040, 3.8434,
-19.4729)

Have a look what the booklet for
YUV(245.2040, 3.8434, -19.4729)
contains.

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Color

**YUV(245.2040, 3.8434,
-19.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFFFD
RGB	223, 255, 253
RGB Percent	87%, 100%, 99%
CMY	0.1255, 0.0000, 0.0078
CMYK	0.13, 0.00, 0.01, 0.00
HSL	176°, 100%, 94%
HSV	176°, 13%, 100%
XYZ	83.9210, 94.2998, 106.7071
YIQ	245.2040, -18.4300, -7.4060

Conversions

Conversions Part 2

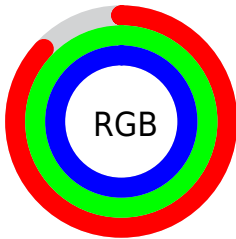
Format	Color
R _Y B	223, 240, 255
Decimal	14680061
CIE Lab	97.75, -10.64, -2.53
CIE LCh	98, 10.935, 193.396
Yxy	94.2998, 0.2945, 0.3310
Android (android.graphics.Color)	4292870141 (0xFFDFFFFD)
YUV	245.2040, 3.8434, -19.4729
Hunter-Lab	97.1081, -15.6790, 2.8249

Details

The YUV color $245.2040, 3.8434, -19.4729$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $232.7960, -3.8434, 19.4729$, 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 $188.8020, 3.5486, -18.2434$ is the 20% darker color. If you saturate the color by 10%, you get $237.5010, 6.6550, -34.6424$, and if you desaturate by 10%, it is $253.2060, 0.8844, -3.6887$.

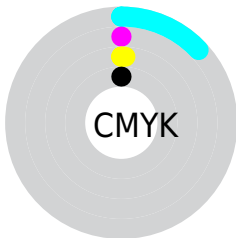
Distribution



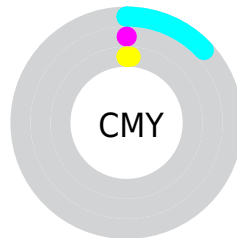
- Red (87%)
- Green (100%)
- Blue (99%)



- Red (87%)
- Yellow (94%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.2040, 3.8434, -19.4729 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 245.2040, 3.8434, -19.4729 by changing the saturation by 10% instead.

245.2040, 3.8434,
-19.4729

245.2040, 3.8434,
-19.4729

255.0000, 0.0000,
0.0000

216.5030, 3.6960,
-18.8581

188.8020, 3.5486,
-18.2434

161.8020, 3.5486,
-18.2434

135.2150, 3.8380,
-17.7286

110.1010, 3.4012,
-17.6286

85.5140, 3.6906,
-17.1138

61.8130, 3.5432,

-16.4990

■ 39.8130, 3.5432,
-16.4990

■ 18.8130, 3.5432,
-16.4990

■ 245.2040, 3.8434,
-19.4729

■ 245.2040, 3.8434,
-19.4729

■ 237.5010, 6.6550,
-34.6424

■ 253.2060, 0.8844,
-3.6887

■ 229.6130, 10.0508,
-50.5266

255.0000, 0.0000,
0.0000

■ 221.9100, 12.8624,
-65.6961

■ 214.0220, 16.2582,
-81.5803

■ 206.3190, 19.0697,
-96.7498

■ 198.3170, 22.0287,
-112.5340

■ 190.7280, 25.2771,
-127.8035

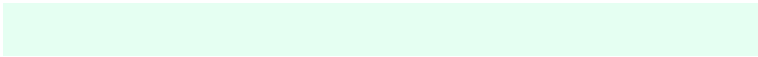
■ 182.7260, 28.2361,
-143.5877

■ 176.9310, 30.6000,
-155.1685

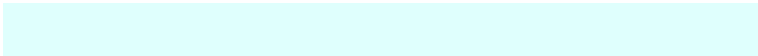
Harmonies

Analogous

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



245.7440, -1.8458, -14.6845



245.2040, 3.8434, -19.4729



245.1440, 4.8590, -18.5433

Triad

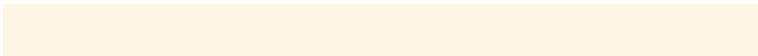
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.2040, 3.8434, -19.4729



248.5430, 3.1833, 5.6628



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.



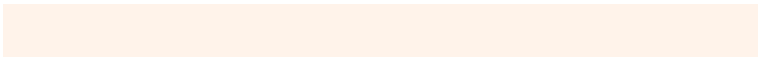
245.2040, 3.8434, -19.4729



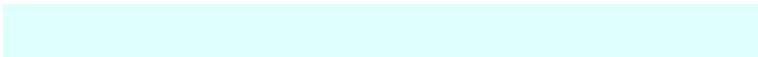
232.7960, -3.8434, 19.4729

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.



245.5620, -5.7001, 8.2771



245.2040, 3.8434, -19.4729



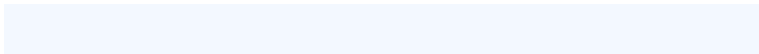
247.3690, 3.7621, 6.6924

Square

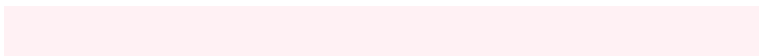
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.2040, 3.8434, -19.4729



247.3030, 3.7946, -3.7737



245.5280, -0.7533, 8.3069



247.5030, -9.6150, 3.9439

Rectangle

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



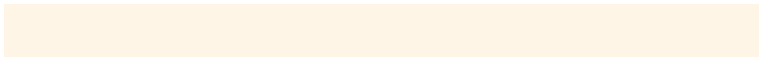
245.2040, 3.8434, -19.4729



245.1660, 4.8482, -15.0546



245.5280, -0.7533, 8.3069



246.2800, -8.0260, 7.6474

Sweetspot

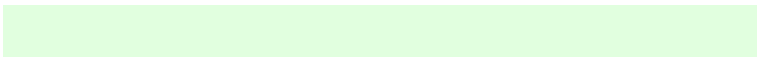
The Sweet Spot groups the original color and five complimentary colors.



245.2040, 3.8434, -19.4729



251.8960, 1.0373, -6.0478



242.3820, -9.5553, -15.2440



125.7930, 0.5951, -4.2035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

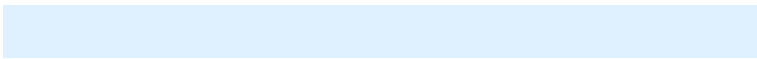
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.2040, 3.8434, -19.4729



243.4100, 4.7279, -23.1616



237.2140, 8.7685, -12.4657



123.9990, 1.4795, -7.8921



132.5230, 22.9132, -116.2227



44.4080, 7.6869, -38.9458

Inverse Universe

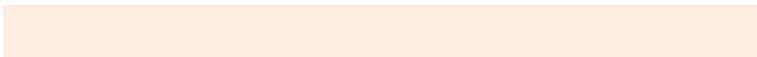
The Inverse Universe completely reimagines the original color for something new.



232.7960, -3.8434, 19.4729



228.5900, -4.7279, 23.1616



240.7860, -8.7685, 12.4657



119.0010, -1.4795, 7.8921



58.4770, -22.9132, 116.2227



19.5920, -7.6869, 38.9458

Previews

White Background



This preview shows how the YUV color 245.2040, 3.8434, -19.4729 looks on a white background.

Color Contrast Check

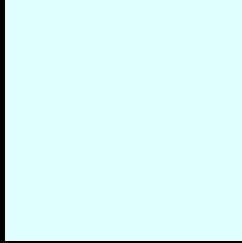
Large Text (above 18pt) WCAG AA × Fail

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 245.2040, 3.8434, -19.4729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

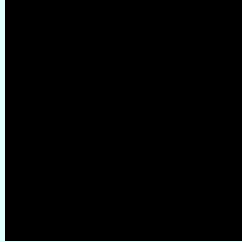
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 245.2040, 3.8434, -19.4729

Background



This preview shows how black text looks on a background with the YUV color 245.2040, 3.8434, -19.4729.



This preview shows how white text looks on a background with the YUV color 245.2040, 3.8434, -19.4729.

-19.4729.

Color Blindness Simulation

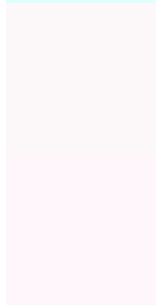
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

245.2040, 3.8434, -19.4729



Protanopia

248.6090, -0.3002, 2.9739

Deuteranopia

249.2610, 0.8573, 5.0331

Tritanopia

247.5910, 3.6526, -4.9033

Trichromacy



Original Color

245.2040, 3.8434, -19.4729

Protanomaly

247.3090, 1.3267, -5.5330

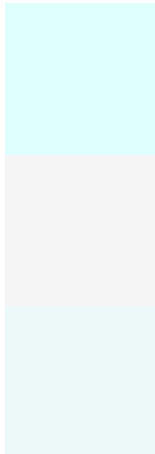
Deuteranomaly

247.5480, 2.1948, -3.9886

Tritanomaly

246.5580, 3.6689, -10.1364

Monochromacy



Original Color

245.2040, 3.8434, -19.4729

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

245.2980, 1.3321, -7.2773

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.2040, 3.8434, -19.4729 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(223, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 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(223, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 253) }
```

Border

The CSS property to change the border of an element to YUV 245.2040, 3.8434, -19.4729 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(223, 255, 253) }
```


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

```
.border{ border-color:rgb(223, 255, 253) }
```

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

Here you see how a box with a 4 pixel rgb(223, 255, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 245.2040, 3.8434, -19.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 253) }
```

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

```
.background{ background-color: rgb(223,  
255, 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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