

Converting Colors

YUV(239.5290, 7.6272,
-19.7579)

Have a look what the booklet for
YUV(239.5290, 7.6272, -19.7579)
contains.

| | |
|--|----|
| YUV(239.5290, 7.6272, -19.7579) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(239.5290, 7.6272,
-19.7579)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9F8FF |
| RGB | 217, 248, 255 |
| RGB Percent | 85%, 97%, 100% |
| CMY | 0.1490, 0.0275, 0.0000 |
| CMYK | 0.15, 0.03, 0.00, 0.00 |
| HSL | 191°, 100%, 93% |
| HSV | 191°, 15%, 100% |
| XYZ | 80.2327, 89.1065, 107.5783 |
| YIQ | 239.5290, -20.7230, -4.3950 |

Conversions

Conversions Part 2

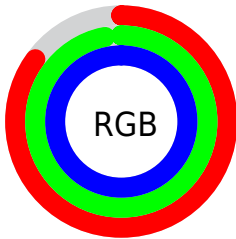
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 217, 234, 255 |
| Decimal | 14285055 |
| CIE Lab | 95.62, -8.60, -6.74 |
| CIE LCh | 96, 10.927, 218.094 |
| Yxy | 89.1065, 0.2897, 0.3218 |
| Android (android.graphics.Color) | 4292475135 (0xFFD9F8FF) |
| YUV | 239.5290, 7.6272, -19.7579 |
| Hunter-Lab | 94.3962, -13.4763, -1.4922 |

Details

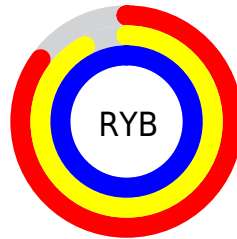
The YUV color $239.5290, 7.6272, -19.7579$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $232.4710, -7.6272, 19.7579$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.7140, 7.0430, -19.0432$ is the 20% darker color. If you saturate the color by 10%, you get $229.1190, 12.7593, -32.5534$, and if you desaturate by 10%, it is $250.2380, 2.3477, -6.3477$.

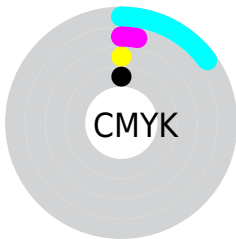
Distribution



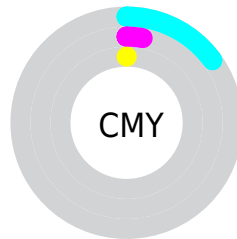
- Red (85%)
- Green (97%)
- Blue (100%)



- Red (85%)
- Yellow (92%)
- Blue (100%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.5290, 7.6272, -19.7579 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 239.5290, 7.6272, -19.7579 by changing the saturation by 10% instead.

■ 239.5290, 7.6272,
-19.7579

■ 239.5290, 7.6272,
-19.7579

255.0000, 0.0000,
0.0000

■ 210.8280, 7.4798,
-19.1432

■ 183.7140, 7.0430,
-19.0432

■ 156.7140, 7.0430,
-19.0432

■ 130.1270, 7.3324,
-18.5284

■ 105.3120, 6.7482,
-17.8136

■ 80.6110, 6.6008,
-17.1988

■ 57.6110, 6.6008,

-17.1988

■ 34.8990, 6.4588,
-18.3284

■ 16.5790, 5.1376,
-14.5398

■ 239.5290, 7.6272,
-19.7579

■ 239.5290, 7.6272,
-19.7579

■ 229.1190, 12.7593,
-32.5534

■ 250.2380, 2.3477,
-6.3477

■ 218.9970, 17.7495,
-46.4784

255.0000, 0.0000,
0.0000

■ 208.5870, 22.8816,
-59.2738

■ 197.8780, 28.1611,
-72.6840

■ 188.0550, 33.0039,
-85.9942

■ 177.3460, 38.2834,
-99.4044

■ 166.6370, 43.5630,
-112.8146

■ 156.2270, 48.6951,
-125.6101

■ 151.1660, 51.1902,
-132.5726

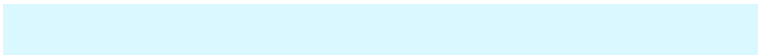
Harmonies

Analogous

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



239.2750, 2.8224, -18.6582



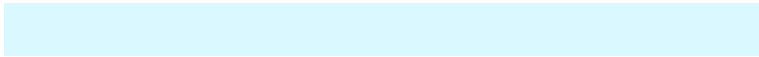
239.5290, 7.6272, -19.7579



240.1490, 7.3215, -15.0397

Triad

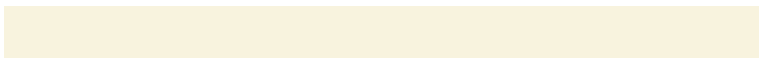
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.5290, 7.6272, -19.7579



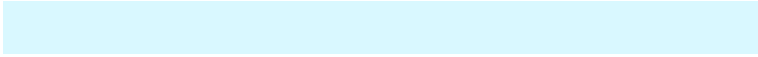
243.3910, 3.7512, 10.1811



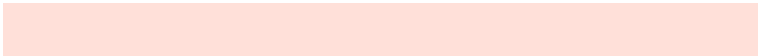
242.1010, -9.9098, 5.1734

Complementary

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



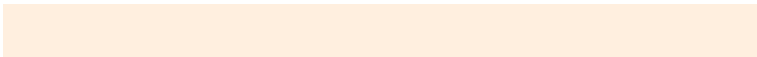
239.5290, 7.6272, -19.7579



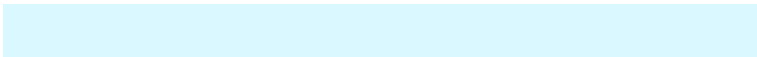
232.4710, -7.6272, 19.7579

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.



241.9600, -9.3473, 11.4361



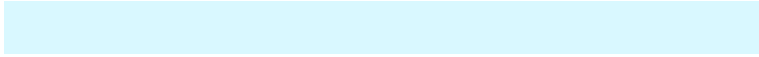
239.5290, 7.6272, -19.7579



241.5500, -0.7642, 11.7956

Square

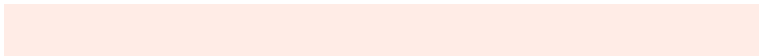
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.5290, 7.6272, -19.7579



243.5150, 5.6621, 3.9333



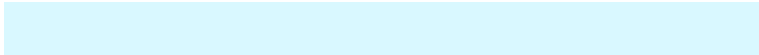
240.9970, -5.4215, 12.2806



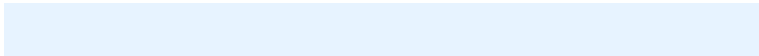
240.7300, -7.2619, -4.1482

Rectangle

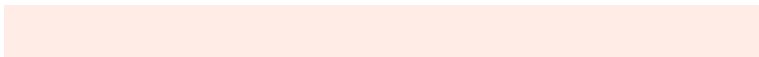
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.5290, 7.6272, -19.7579



240.7800, 7.0105, -8.5771



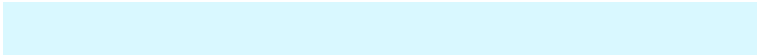
240.9970, -5.4215, 12.2806



242.0090, -10.3574, 8.7621

Sweetspot

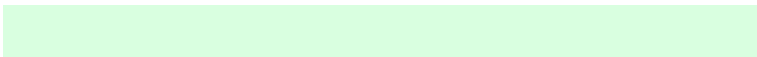
The Sweet Spot groups the original color and five complimentary colors.



239.5290, 7.6272, -19.7579



250.8360, 2.0529, -5.1182



240.1040, -7.9393, -20.2622



124.7330, 1.6106, -3.2738



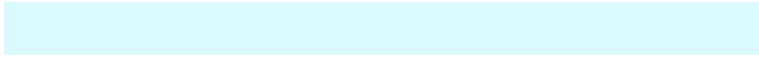
0.0000, 0.0000, 0.0000



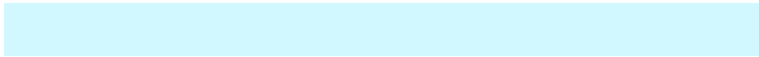
128.0000, 0.0000, 0.0000

Same Dimension

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



239.5290, 7.6272, -19.7579



236.5500, 9.0958, -24.1614



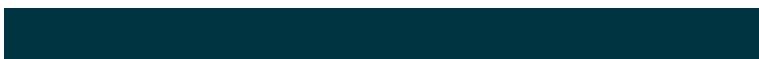
228.3760, 13.1256, -9.9768



122.3520, 2.7845, -6.4477



113.3460, 38.2834, -99.4044



37.8200, 12.9067, -33.1681

Inverse Universe

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



231.8960, 7.9393, 20.2622



227.0860, 9.8176, 24.4806



243.6240, -13.1256, 9.9768



120.0270, 2.4517, 6.9923



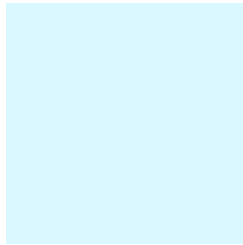
74.8930, 39.9858, 101.8258



25.0640, 13.2794, 34.1469

Previews

White Background



This preview shows how the YUV color 239.5290, 7.6272, -19.7579 looks on a white background.

Color Contrast Check

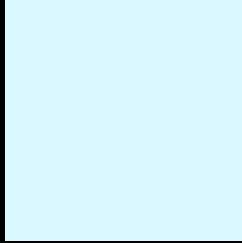
Large Text (above 18pt) WCAG AA × Fail

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 239.5290, 7.6272, -19.7579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

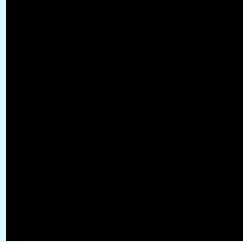
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 239.5290, 7.6272, -19.7579

Background



This preview shows how black text looks on a background with the YUV color 239.5290, 7.6272, -19.7579.



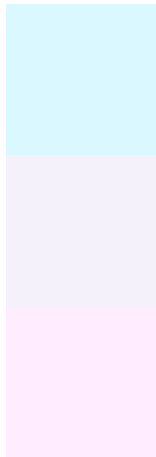
This preview shows how white text looks on a background with the YUV color 239.5290, 7.6272, -19.7579.

-19.7579.

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

239.5290, 7.6272, -19.7579

Protanopia

243.0370, 3.9258, 0.8446

Deuteranopia

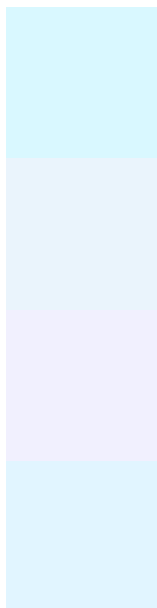
243.7330, 5.0616, 9.8812



Tritanopia

241.0680, 6.8685, -9.7066

Trichromacy



Original Color

239.5290, 7.6272, -19.7579

Protanomaly

241.9220, 4.9685, -6.9476

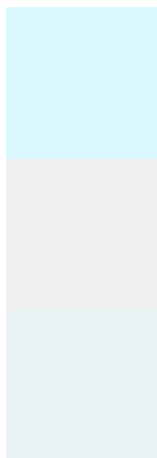
Deuteranomaly

241.8950, 5.9678, -0.7849

Tritanomaly

240.1600, 7.3161, -13.2953

Monochromacy



Original Color

239.5290, 7.6272, -19.7579

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.5290, 7.6272, -19.7579 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(217, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 248, 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(217, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 248, 255) }
```

Border

The CSS property to change the border of an element to YUV 239.5290, 7.6272, -19.7579 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(217, 248, 255) }
```


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

```
.border{ border-color:rgb(217, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 248,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 239.5290, 7.6272, -19.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 248, 255) }
```

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

```
.background{ background-color: rgb(217,  
248, 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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