

Converting Colors

YUV(238.5190, 6.1531,
-13.6102)

Have a look what the booklet for
YUV(238.5190, 6.1531, -13.6102)
contains.

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Color

**YUV(238.5190, 6.1531,
-13.6102)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF4FB
RGB	223, 244, 251
RGB Percent	87%, 96%, 98%
CMY	0.1255, 0.0431, 0.0157
CMYK	0.11, 0.03, 0.00, 0.02
HSL	195°, 78%, 93%
HSV	195°, 11%, 98%
XYZ	80.1947, 87.3544, 103.9012
YIQ	238.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

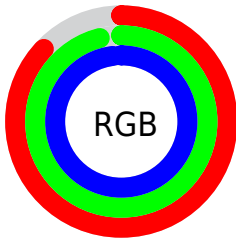
Format	Color
R _Y B	223, 235, 251
Decimal	14677243
CIE Lab	94.89, -5.50, -5.72
CIE LCh	95, 7.931, 226.102
Yxy	87.3544, 0.2954, 0.3218
Android (android.graphics.Color)	4292867323 (0xFFDFF4FB)
YUV	238.5190, 6.1531, -13.6102
Hunter-Lab	93.4636, -10.4026, -0.4867

Details

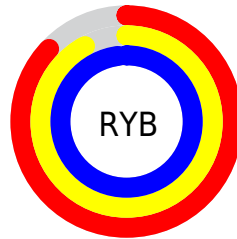
The YUV color $238.5190, 6.1531, -13.6102$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.4810, -6.1531, 13.6102$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.8180, 6.0057, -12.9954$ is the 20% darker color. If you saturate the color by 10%, you get $227.5220, 11.5747, -25.8908$, and if you desaturate by 10%, it is $249.5160, 0.7316, -1.3295$.

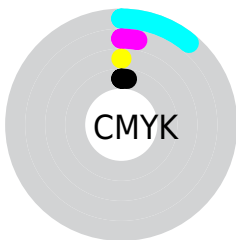
Distribution



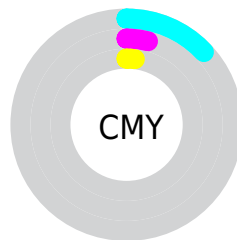
- Red (87%)
- Green (96%)
- Blue (98%)



- Red (87%)
- Yellow (92%)
- Blue (98%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.5190, 6.1531, -13.6102 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 238.5190, 6.1531, -13.6102 by changing the saturation by 10% instead.

■ 238.5190, 6.1531,
-13.6102

■ 238.5190, 6.1531,
-13.6102

255.0000, 0.0000,
0.0000

■ 210.4050, 5.7163,
-13.5102

■ 182.8180, 6.0057,
-12.9954

■ 155.7040, 5.5689,
-12.8954

■ 129.7040, 5.5689,
-12.8954

■ 104.3020, 5.2741,
-11.6659

■ 80.3020, 5.2741,
-11.6659

■ 57.1880, 4.8373,

-11.5659

■ 35.4870, 4.6899,
-10.9511

■ 14.5900, 5.1321,
-12.7954

■ 238.5190, 6.1531,
-13.6102

■ 238.5190, 6.1531,
-13.6102

■ 227.5220, 11.5747,
-25.8908

■ 249.5160, 0.7316,
-1.3295

■ 215.9380, 17.2856,
-37.6566

■ 254.5440, -1.7472,
0.3999

■ 204.9410, 22.7071,
-49.9373

■ 193.9440, 28.1286,
-62.2179

■ 182.9470, 33.5501,
-74.4985

■ 171.0640, 39.4084,
-86.8791

■ 160.0670, 44.8300,
-99.1598

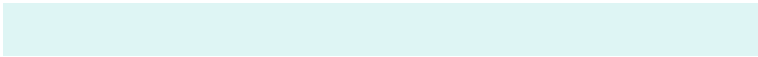
■ 149.0700, 50.2515,
-111.4404

■ 138.9700, 55.2308,
-121.8767

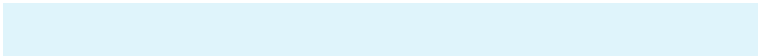
Harmonies

Analogous

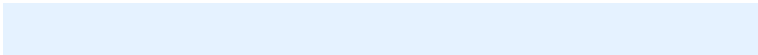
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.0090, 2.9536, -14.0399



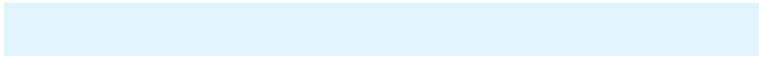
238.5190, 6.1531, -13.6102



239.5950, 7.5947, -9.2918

Triad

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



238.5190, 6.1531, -13.6102



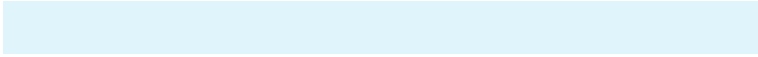
242.2940, 0.8411, 10.2662



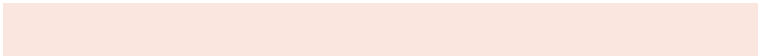
239.5890, -6.6994, 2.1144

Complementary

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



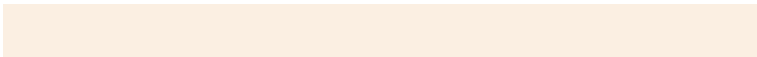
238.5190, 6.1531, -13.6102



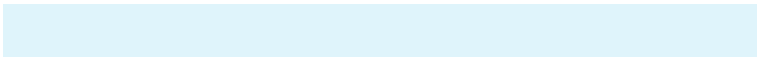
235.4810, -6.1531, 13.6102

Split Complementary

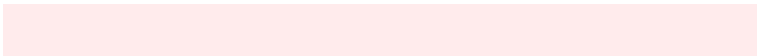
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.1060, -7.4473, 8.6770



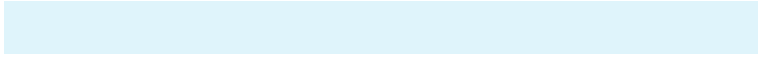
238.5190, 6.1531, -13.6102



241.0940, -2.5113, 12.1956

Square

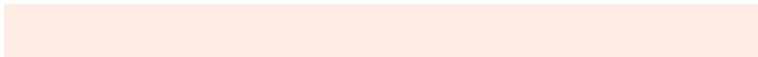
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.5190, 6.1531, -13.6102



241.5860, 4.6411, 4.7481



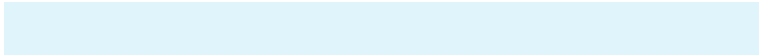
240.9970, -5.4215, 12.2806



238.5280, -4.2043, -4.8481

Rectangle

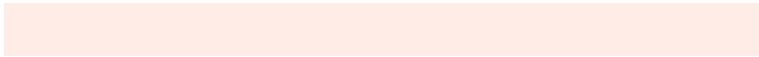
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



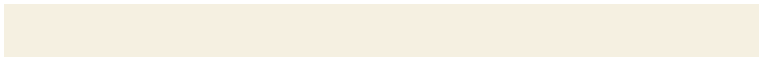
238.5190, 6.1531, -13.6102



239.9160, 7.4364, -5.1883



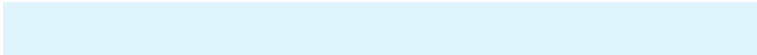
240.9970, -5.4215, 12.2806



239.7850, -7.2890, 4.5736

Sweetspot

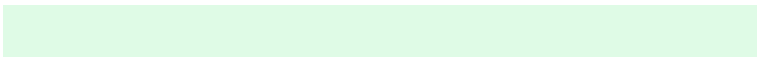
The Sweet Spot groups the original color and five complimentary colors.



238.5190, 6.1531, -13.6102



251.4340, 1.7580, -3.8886



240.2340, -5.0454, -15.1142



125.0320, 1.4632, -2.6591



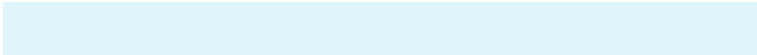
0.0000, 0.0000, 0.0000



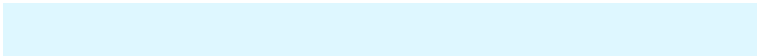
128.0000, 0.0000, 0.0000

Same Dimension

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



238.5190, 6.1531, -13.6102



240.4370, 7.1796, -16.1692



230.3010, 10.2046, -6.4030



119.3520, 2.7845, -6.4477



104.9000, 41.4613, -91.9973



33.9560, 13.3327, -29.7794

Inverse Universe

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



233.7660, 5.0454, 15.1142



234.7170, 6.0555, 17.7882



243.6990, -10.2046, 6.4030



117.0270, 2.4517, 6.9923



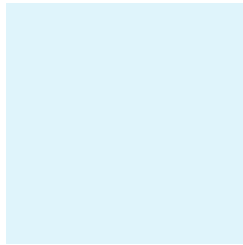
72.6990, 34.1654, 101.9960



23.4830, 11.1009, 32.9024

Previews

White Background



This preview shows how the YUV color 238.5190, 6.1531, -13.6102 looks on a white background.

Color Contrast Check

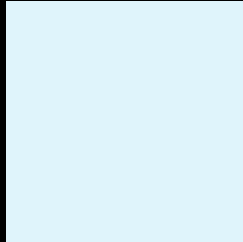
Large Text (above 18pt) WCAG AA × Fail

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 238.5190, 6.1531, -13.6102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

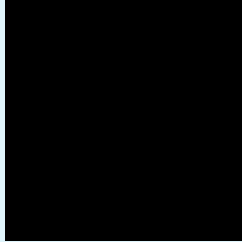
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

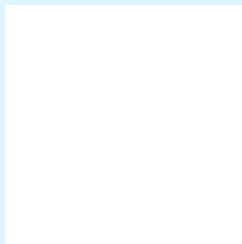
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.5190, 6.1531, -13.6102

Background



This preview shows how black text looks on a background with the YUV color 238.5190, 6.1531, -13.6102.



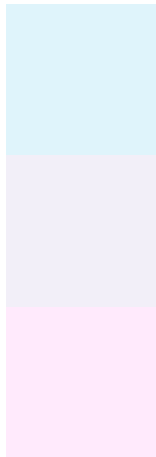
This preview shows how white text looks on a background with the YUV color 238.5190, 6.1531, -13.6102.

-13.6102.

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

238.5190, 6.1531, -13.6102

Protanopia

240.9230, 3.4890, 0.9445

Deuteranopia

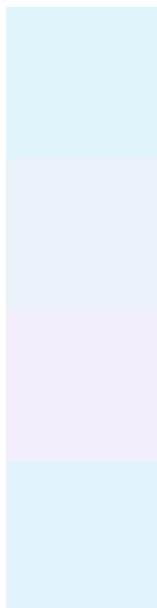
242.3310, 4.7668, 11.1107



Tritanopia

239.8940, 7.4473, -8.6770

Trichromacy



Original Color

238.5190, 6.1531, -13.6102

Protanomaly

240.1180, 4.3788, -4.4885

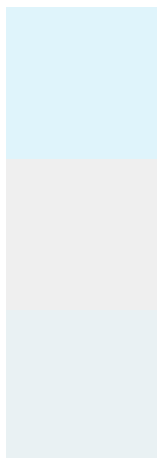
Deuteranomaly

241.0910, 5.3781, 1.6742

Tritanomaly

239.4700, 7.1633, -10.9362

Monochromacy



Original Color

238.5190, 6.1531, -13.6102

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

238.8360, 2.0529, -5.1182

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.5190, 6.1531, -13.6102 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, 244, 251)` looks like.

```
.text, #text, p{  
    color:rgb(223, 244, 251)  
}
```

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, 244, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 244, 251) }
```

Border

The CSS property to change the border of an element to YUV 238.5190, 6.1531, -13.6102 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, 244, 251) }
```


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

```
.border{ border-color:rgb(223, 244, 251) }
```

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

Here you see how a box with a 4 pixel rgb(223, 244, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 244, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 244, 251);  
box-shadow:4px 4px 4px 4px rgb(223, 244,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 238.5190, 6.1531, -13.6102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 244, 251) }
```

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

```
.background{ background-color: rgb(223,  
244, 251) }
```

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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