

Converting Colors

YUV(238.3990, 8.1843,
-11.7509)

Have a look what the booklet for
YUV(238.3990, 8.1843, -11.7509)
contains.

YUV(238.3990, 8.1843, -11.7509)	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(238.3990, 8.1843,
-11.7509)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F2FF
RGB	225, 242, 255
RGB Percent	88%, 95%, 100%
CMY	0.1176, 0.0510, 0.0000
CMYK	0.12, 0.05, 0.00, 0.00
HSL	206°, 100%, 94%
HSV	206°, 12%, 100%
XYZ	80.8535, 86.7318, 107.0872
YIQ	238.3990, -14.3050, 0.4390

Conversions

Conversions Part 2

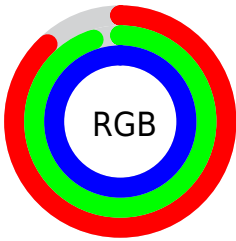
Format	Color
R_{YB}	225, 236, 255
Decimal	14807807
CIE _{Lab}	94.62, -3.07, -8.16
CIE _{LCh}	95, 8.721, 249.383
Yxy	86.7318, 0.2944, 0.3158
Android (android.graphics.Color)	4292997887 (0xFFE1F2FF)
YUV	238.3990, 8.1843, -11.7509
Hunter-Lab	93.1299, -8.0073, -2.9848

Details

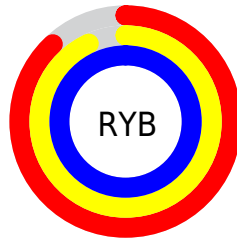
The YUV color $238.3990, 8.1843, -11.7509$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.6010, -8.1843, 11.7509$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.5840, 7.6001, -11.0362$ is the 20% darker color. If you saturate the color by 10%, you get $224.4670, 15.0528, -21.4576$, and if you desaturate by 10%, it is $252.6300, 1.1684, -1.4295$.

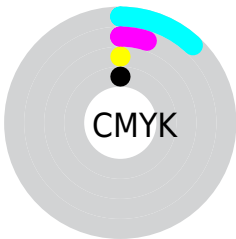
Distribution



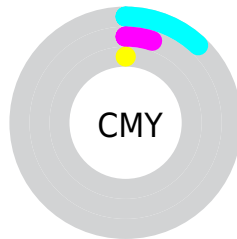
- Red (88%)
- Green (95%)
- Blue (100%)



- Red (88%)
- Yellow (93%)
- Blue (100%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.3990, 8.1843, -11.7509 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 238.3990, 8.1843, -11.7509 by changing the saturation by 10% instead.

■ 238.3990, 8.1843,
-11.7509

■ 238.3990, 8.1843,
-11.7509

255.0000, 0.0000,
0.0000

■ 210.2850, 7.7475,
-11.6509

■ 182.5840, 7.6001,
-11.0362

■ 155.5840, 7.6001,
-11.0362

■ 129.5840, 7.6001,
-11.0362

■ 104.4700, 7.1633,
-10.9362

■ 79.7690, 7.0159,
-10.3214

■ 57.0680, 6.8685,

-9.7066

■ 35.5410, 6.1423,
-10.1215

■ 13.6440, 6.5845,
-11.9658

■ 238.3990, 8.1843,
-11.7509

■ 238.3990, 8.1843,
-11.7509

■ 224.4670, 15.0528,
-21.4576

■ 252.6300, 1.1684,
-1.4295

■ 210.2360, 22.0687,
-31.7790

255.0000, 0.0000,
0.0000

■ 196.0050, 29.0845,
-42.1004

■ 182.0730, 35.9530,
-51.8070

■ 168.1410, 42.8215,
-61.5137

■ 153.9100, 49.8374,
-71.8351

■ 139.9780, 56.7058,
-81.5417

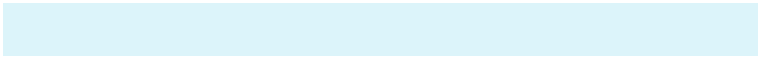
■ 125.7470, 63.7217,
-91.8631

■ 114.1850, 69.4218,
-100.1402

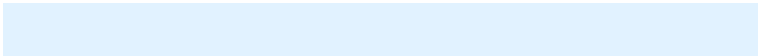
Harmonies

Analogous

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



237.5080, 6.1586, -15.3545



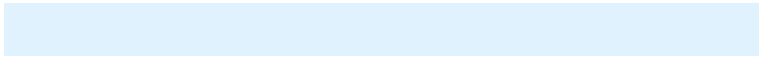
238.3990, 8.1843, -11.7509



239.3290, 7.7258, -4.6735

Triad

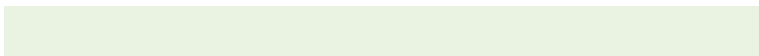
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.3990, 8.1843, -11.7509



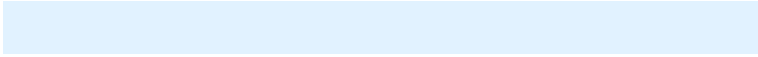
240.6210, -1.7852, 12.6104



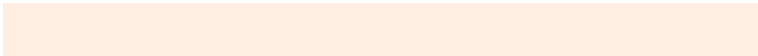
237.7840, -5.8095, -3.3186

Complementary

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



238.3990, 8.1843, -11.7509



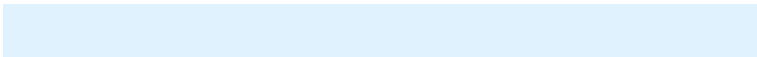
241.6010, -8.1843, 11.7509

Split Complementary

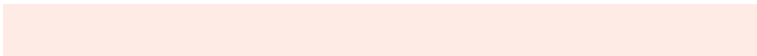
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.2580, -8.0152, 4.1587



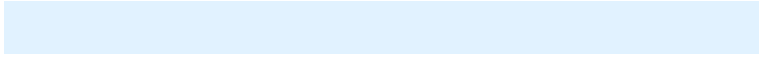
238.3990, 8.1843, -11.7509



240.2960, -5.5689, 12.8954

Square

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



238.3990, 8.1843, -11.7509



241.6360, 2.1515, 9.9662



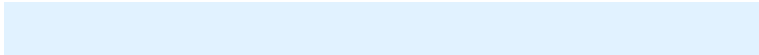
240.0030, -7.8895, 10.5214



237.0650, -2.0040, -10.5810

Rectangle

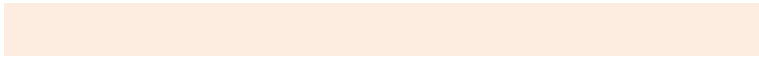
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.3990, 8.1843, -11.7509



240.1340, 6.8359, 0.7595



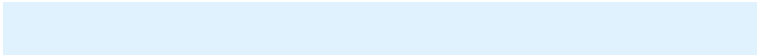
240.0030, -7.8895, 10.5214



238.5670, -6.6885, -1.3743

Sweetspot

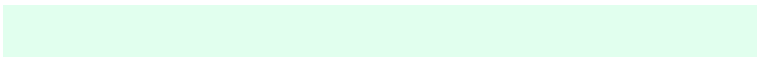
The Sweet Spot groups the original color and five complimentary colors.



238.3990, 8.1843, -11.7509



249.6620, 2.6316, -4.0886



244.0920, -3.0034, -16.7437



124.1460, 1.9000, -2.7590



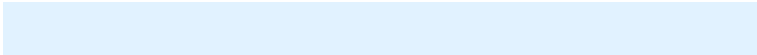
0.0000, 0.0000, 0.0000



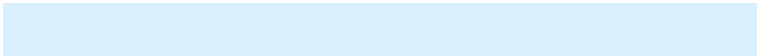
128.0000, 0.0000, 0.0000

Same Dimension

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



238.3990, 8.1843, -11.7509



235.4310, 9.6475, -14.4100



229.5940, 12.5252, -4.0289



120.5910, 3.6526, -4.9033



85.1700, 52.1742, -74.6941



28.4280, 17.5370, -24.9314

Inverse Universe

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



235.9080, 3.0034, 16.7437



232.1580, 3.8661, 20.0324



250.4060, -12.5252, 4.0289



119.6850, 1.1413, 7.2923



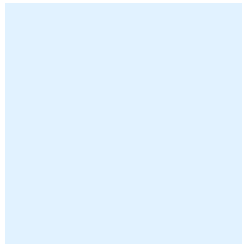
69.4210, 19.0194, 106.6248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 238.3990, 8.1843, -11.7509 looks on a white background.

Color Contrast Check

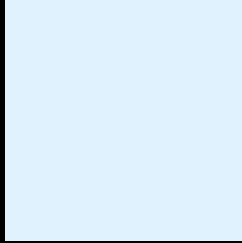
Large Text (above 18pt) WCAG AA × Fail

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 238.3990, 8.1843, -11.7509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

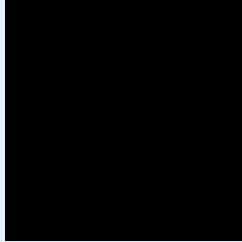
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

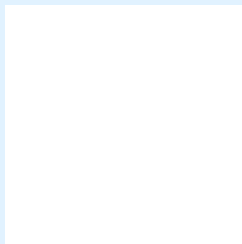
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.3990, 8.1843, -11.7509

Background



This preview shows how black text looks on a background with the YUV color 238.3990, 8.1843, -11.7509.



This preview shows how white text looks on a background with the YUV color 238.3990, 8.1843, -11.7509.

-11.7509.

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

238.3990, 8.1843, -11.7509

Protanopia

240.1940, 5.8204, -0.1701

Deuteranopia

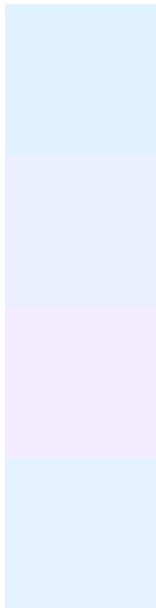
241.4880, 6.6614, 10.0960



Tritanopia

239.3070, 7.7366, -8.1622

Trichromacy



Original Color

238.3990, 8.1843, -11.7509

Protanomaly

239.4000, 6.7048, -3.8588

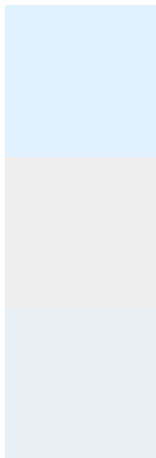
Deuteranomaly

240.2590, 7.2673, 2.4039

Tritanomaly

238.7090, 8.0315, -9.3918

Monochromacy



Original Color

238.3990, 8.1843, -11.7509

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

237.7760, 3.0684, -4.1886

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.3990, 8.1843, -11.7509 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(225, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 242, 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(225, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 242, 255) }
```

Border

The CSS property to change the border of an element to YUV 238.3990, 8.1843, -11.7509 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(225, 242, 255) }
```


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

```
.border{ border-color:rgb(225, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 242,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 238.3990, 8.1843, -11.7509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 242, 255) }
```

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

```
.background{ background-color: rgb(225,  
242, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor