

Converting Colors

YUV(231.8550, 9.9315,
-12.1508)

Have a look what the booklet for
YUV(231.8550, 9.9315, -12.1508)
contains.

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Color

**YUV(231.8550, 9.9315,
-12.1508)**

Conversions

Conversions Part 1

Format	Color
Hex	DAEBFC
RGB	218, 235, 252
RGB Percent	85%, 92%, 99%
CMY	0.1451, 0.0784, 0.0118
CMYK	0.13, 0.07, 0.00, 0.01
HSL	210°, 85%, 92%
HSV	210°, 13%, 99%
XYZ	76.1925, 81.3504, 103.7819
YIQ	231.8550, -15.5890, 1.6830

Conversions

Conversions Part 2

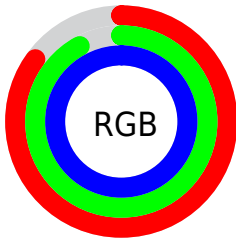
Format	Color
R _Y B	218, 229, 252
Decimal	14347260
CIE Lab	92.29, -2.28, -10.12
CIE LCh	92, 10.378, 257.297
Yxy	81.3504, 0.2916, 0.3113
Android (android.graphics.Color)	4292537340 (0xFFDAEBFC)
YUV	231.8550, 9.9315, -12.1508
Hunter-Lab	90.1944, -7.0510, -5.0857

Details

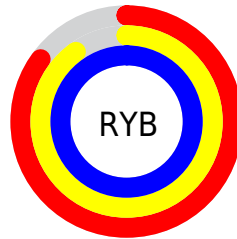
The YUV color $231.8550, 9.9315, -12.1508$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.1450, -9.9315, 12.1508$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.0400, 9.3473, -11.4361$ is the 20% darker color. If you saturate the color by 10%, you get $216.7490, 17.3787, -20.8279$, and if you desaturate by 10%, it is $246.9610, 2.4842, -3.4738$.

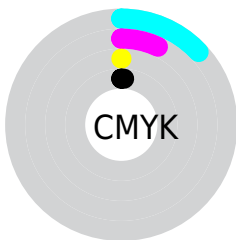
Distribution



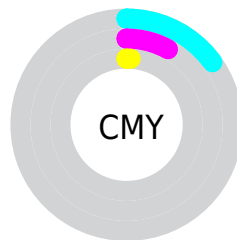
- Red (85%)
- Green (92%)
- Blue (99%)



- Red (85%)
- Yellow (90%)
- Blue (99%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.8550, 9.9315, -12.1508 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 231.8550, 9.9315, -12.1508 by changing the saturation by 10% instead.

■ 231.8550, 9.9315,
-12.1508

■ 231.8550, 9.9315,
-12.1508

255.0000, 0.0000,
0.0000

■ 203.7410, 9.4947,
-12.0509

■ 176.0400, 9.3473,
-11.4361

■ 149.6270, 9.0579,
-11.9509

■ 123.9260, 8.9105,
-11.3361

■ 98.8120, 8.4737,
-11.2361

■ 74.8120, 8.4737,
-11.2361

■ 51.9970, 7.8895,

-10.5214

■ 30.5840, 7.6001,
-11.0362

■ 9.3070, 7.7366,
-8.1622

■ 231.8550, 9.9315,
-12.1508

■ 231.8550, 9.9315,
-12.1508

■ 216.7490, 17.3787,
-20.8279

■ 246.9610, 2.4842,
-3.4738

■ 202.2300, 24.5366,
-30.0197

254.6580, -1.3104,
0.2999

■ 186.8250, 32.1313,
-39.3115

■ 172.3060, 39.2891,
-48.5034

■ 157.2000, 46.7364,
-57.1804

■ 142.0940, 54.1837,
-65.8574

■ 127.5750, 61.3415,
-75.0493

■ 112.1700, 68.9362,
-84.3411

■ 102.6900, 73.6098,
-90.0591

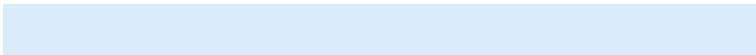
Harmonies

Analogous

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



230.6540, 8.0586, -18.1136



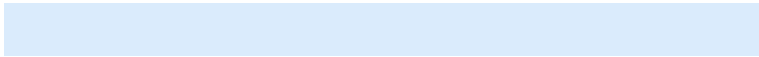
231.8550, 9.9315, -12.1508



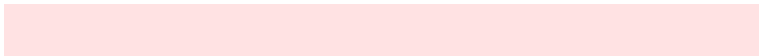
233.6820, 9.0308, -3.2291

Triad

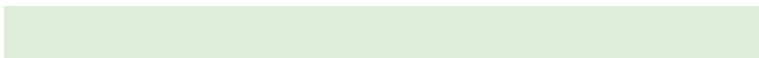
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.8550, 9.9315, -12.1508



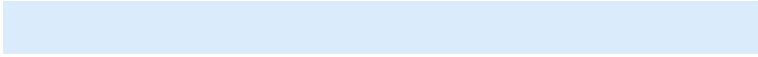
234.7850, -3.8380, 17.7286



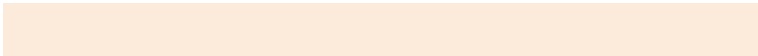
230.7620, -5.7987, -6.8073

Complementary

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



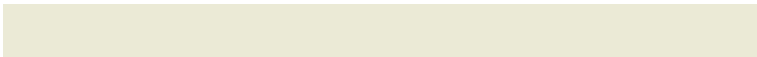
231.8550, 9.9315, -12.1508



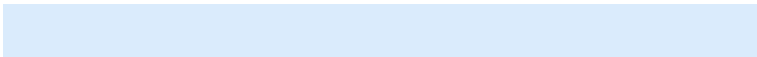
238.1450, -9.9315, 12.1508

Split Complementary

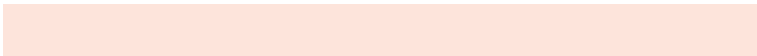
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.0190, -8.8834, 2.6143



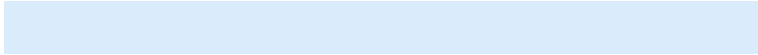
231.8550, 9.9315, -12.1508



234.4490, -7.6164, 16.2692

Square

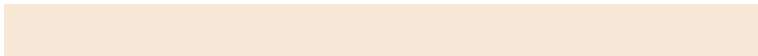
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.8550, 9.9315, -12.1508



235.4300, 1.2670, 13.6549



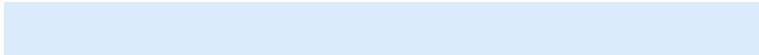
233.5470, -9.6367, 10.9213



230.2710, -1.1196, -14.2697

Rectangle

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



231.8550, 9.9315, -12.1508



234.5580, 7.1199, 3.0186



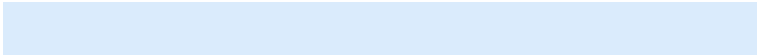
233.5470, -9.6367, 10.9213



231.1430, -6.9725, -3.6334

Sweetspot

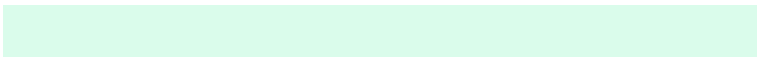
The Sweet Spot groups the original color and five complimentary colors.



231.8550, 9.9315, -12.1508



249.0750, 2.9210, -3.5738



239.8960, -2.4137, -19.2028



123.5590, 2.1894, -2.2442



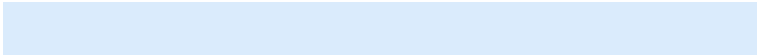
0.0000, 0.0000, 0.0000



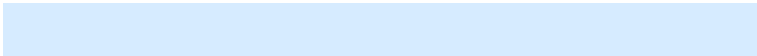
128.0000, 0.0000, 0.0000

Same Dimension

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



231.8550, 9.9315, -12.1508



231.0010, 11.8315, -14.9099



221.8760, 14.8511, -3.3993



117.5910, 3.6526, -4.9033



76.7240, 55.3521, -67.2869



25.1510, 17.6736, -22.0574

Inverse Universe

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



230.1040, 2.4137, 19.2028



228.6530, 3.1291, 23.1063



248.1240, -14.8511, 3.3993



116.6850, 1.1413, 7.2923



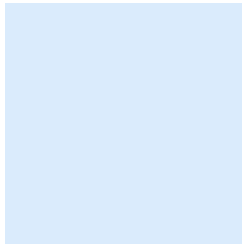
67.2270, 13.1991, 106.7949



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 231.8550, 9.9315, -12.1508 looks on a white background.

Color Contrast Check

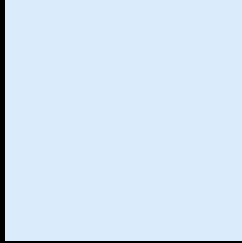
Large Text (above 18pt) WCAG AA × Fail

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 231.8550, 9.9315, -12.1508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

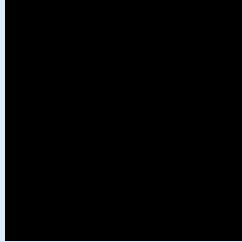
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

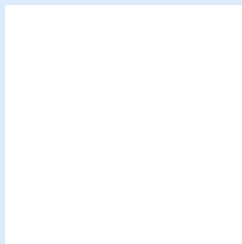
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.8550, 9.9315, -12.1508

Background



This preview shows how black text looks on a background with the YUV color 231.8550, 9.9315, -12.1508.



This preview shows how white text looks on a background with the YUV color 231.8550, 9.9315, -12.1508.

-12.1508.

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

231.8550, 9.9315, -12.1508

Protanopia

233.4650, 8.1518, -1.2848

Deuteranopia

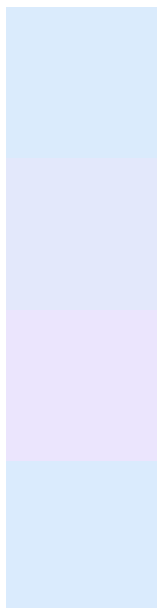
234.8730, 9.4296, 8.8814



Tritanopia

231.9690, 10.3683, -12.2508

Trichromacy



Original Color

231.8550, 9.9315, -12.1508

Protanomaly

232.6710, 9.0362, -4.9735

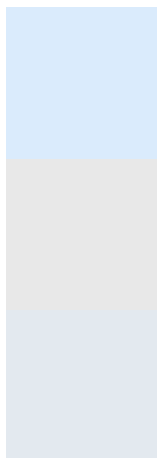
Deuteranomaly

233.5300, 9.5987, 1.2892

Tritanomaly

231.9690, 10.3683, -12.2508

Monochromacy



Original Color

231.8550, 9.9315, -12.1508

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.8900, 3.5052, -4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.8550, 9.9315, -12.1508 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(218, 235, 252)` looks like.

```
.text, #text, p{  
    color:rgb(218, 235, 252)  
}
```

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(218, 235, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 235, 252) }
```

Border

The CSS property to change the border of an element to YUV 231.8550, 9.9315, -12.1508 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(218, 235, 252) }
```


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

```
.border{ border-color:rgb(218, 235, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 235, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 235, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 235, 252);  
box-shadow:4px 4px 4px 4px rgb(218, 235,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 231.8550, 9.9315, -12.1508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 235, 252) }
```

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

```
.background{ background-color: rgb(218,  
235, 252) }
```

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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