

Converting Colors

YUV(231.3110, 11.6787,
-12.5507)

Have a look what the booklet for
YUV(231.3110, 11.6787, -12.5507)
contains.

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Color

**YUV(231.3110, 11.6787,
-12.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	D9EAFF
RGB	217, 234, 255
RGB Percent	85%, 92%, 100%
CMY	0.1490, 0.0824, 0.0000
CMYK	0.15, 0.08, 0.00, 0.00
HSL	213°, 100%, 93%
HSV	213°, 15%, 100%
XYZ	76.0881, 80.8174, 106.1968
YIQ	231.3110, -16.8730, 2.9270

Conversions

Conversions Part 2

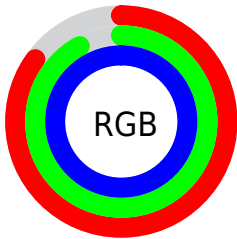
Format	Color
R _{YB}	217, 229, 255
Decimal	14281471
CIE _{Lab}	92.05, -1.47, -12.05
CIE _{LCh}	92, 12.138, 263.031
Y _{xy}	80.8174, 0.2892, 0.3072
Android (android.graphics.Color)	4292471551 (0xFFD9EAF _F)
Y _{UV}	231.3110, 11.6787, -12.5507
Hunter-Lab	89.8985, -6.2438, -7.1102

Details

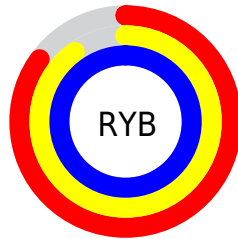
The YUV color `231.3110, 11.6787, -12.5507` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `240.6890, -11.6787, 12.5507`, and the grayscale version is `231.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `175.4960, 11.0945, -11.8360` is the 20% darker color. If you saturate the color by 10%, you get `215.6180, 19.4153, -20.7130`, and if you desaturate by 10%, it is `247.3030, 3.7946, -3.7737`.

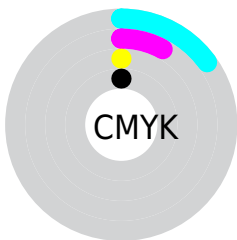
Distribution



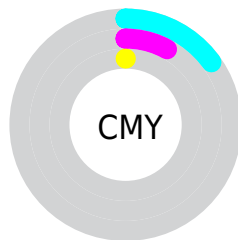
- Red (85%)
- Green (92%)
- Blue (100%)



- Red (85%)
- Yellow (90%)
- Blue (100%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.3110, 11.6787, -12.5507 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 231.3110, 11.6787, -12.5507 by changing the saturation by 10% instead.

■ 231.3110, 11.6787,
-12.5507

■ 231.3110, 11.6787,
-12.5507

255.0000, 0.0000,
0.0000

■ 203.1970, 11.2419,
-12.4508

■ 175.4960, 11.0945,
-11.8360

■ 149.0830, 10.8051,
-12.3508

■ 123.2680, 10.2209,
-11.6360

■ 98.2680, 10.2209,
-11.6360

■ 74.1540, 9.7841,
-11.5361

■ 51.0400, 9.3473,

-11.4361

■ 29.6270, 9.0579,
-11.9509

■ 8.9480, 8.8996,
-7.8474

■ 231.3110, 11.6787,
-12.5507

■ 231.3110, 11.6787,
-12.5507

■ 215.6180, 19.4153,
-20.7130

■ 247.3030, 3.7946,
-3.7737

■ 199.6260, 27.2994,
-29.4900

255.0000, 0.0000,
0.0000

■ 183.9330, 35.0360,
-37.6522

■ 167.9410, 42.9201,
-46.4293

■ 152.2480, 50.6567,
-54.5915

■ 135.6690, 58.8302,
-62.8537

■ 119.6770, 66.7142,
-71.6307

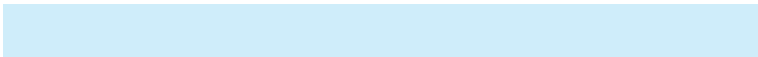
■ 103.9840, 74.4509,
-79.7930

■ 95.9880, 78.3929,
-84.1815

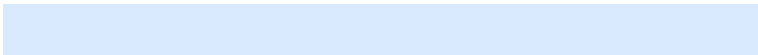
Harmonies

Analogous

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



229.5120, 10.1006, -19.7430



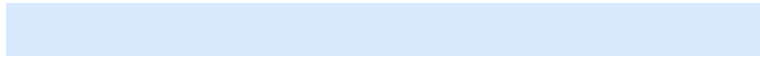
231.3110, 11.6787, -12.5507



233.0350, 10.3357, -1.7847

Triad

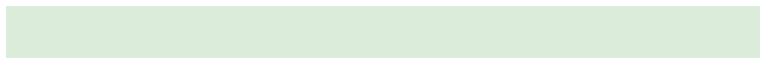
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.3110, 11.6787, -12.5507



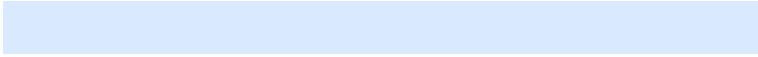
233.8560, -4.8590, 18.5433



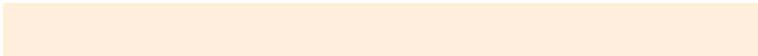
229.4520, -5.6458, -9.1664

Complementary

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



231.3110, 11.6787, -12.5507



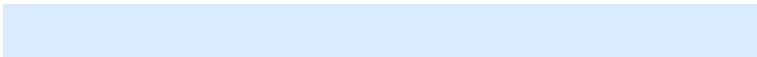
240.6890, -11.6787, 12.5507

Split Complementary

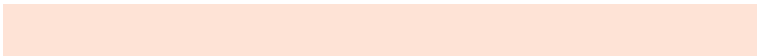
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.7800, -9.7515, 1.0699



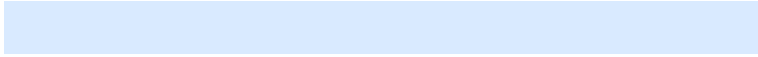
231.3110, 11.6787, -12.5507



233.5910, -9.6584, 17.8987

Square

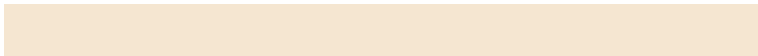
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.3110, 11.6787, -12.5507



235.1100, -0.0542, 17.4435



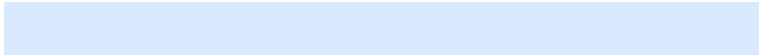
232.0910, -11.3839, 11.3212



228.5910, 0.2016, -18.0583

Rectangle

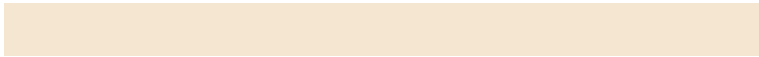
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.3110, 11.6787, -12.5507



234.2810, 7.2565, 5.8926



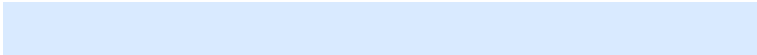
232.0910, -11.3839, 11.3212



229.7190, -7.2565, -5.8926

Sweetspot

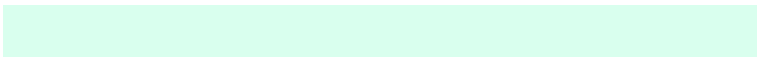
The Sweet Spot groups the original color and five complimentary colors.



231.3110, 11.6787, -12.5507



248.4880, 3.2104, -3.0590



241.7000, -1.8241, -21.6619



123.5590, 2.1894, -2.2442



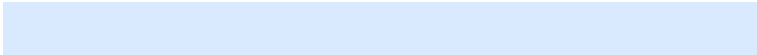
0.0000, 0.0000, 0.0000



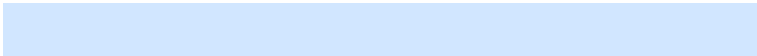
128.0000, 0.0000, 0.0000

Same Dimension

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



231.3110, 11.6787, -12.5507



226.5710, 14.0155, -15.4098



221.9300, 16.3035, -2.5696



119.4170, 4.2314, -3.8737



72.2560, 58.5408, -63.3685



24.3190, 19.5627, -21.3278

Inverse Universe

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



230.3000, 1.8241, 21.6619



225.1480, 2.3920, 26.1802



250.0700, -16.3035, 2.5696



119.4570, 0.2677, 7.4922



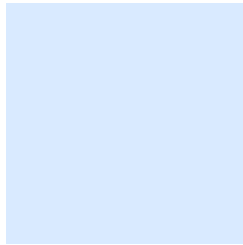
66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 231.3110, 11.6787, -12.5507 looks on a white background.

Color Contrast Check

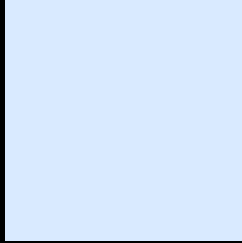
Large Text (above 18pt) WCAG AA × Fail

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 231.3110, 11.6787, -12.5507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

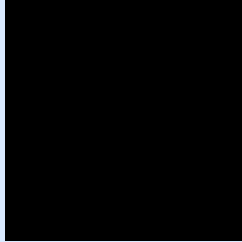
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

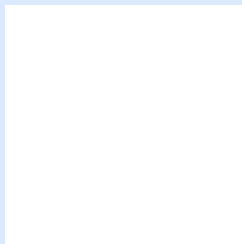
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.3110, 11.6787, -12.5507

Background



This preview shows how black text looks on a background with the YUV color 231.3110, 11.6787, -12.5507.



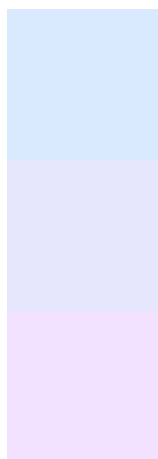
This preview shows how white text looks on a background with the YUV color 231.3110, 11.6787, -12.5507.

-12.5507.

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

231.3110, 11.6787, -12.5507

Protanopia

232.6220, 10.0464, -2.2995

Deuteranopia

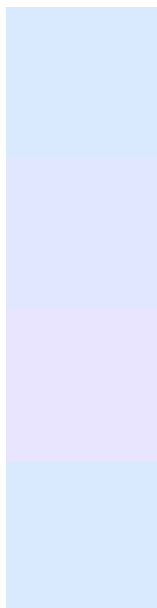
234.0900, 10.3086, 6.9371



Tritanopia

231.0830, 10.8051, -12.3508

Trichromacy



Original Color

231.3110, 11.6787, -12.5507

Protanomaly

231.8280, 10.9308, -5.9882

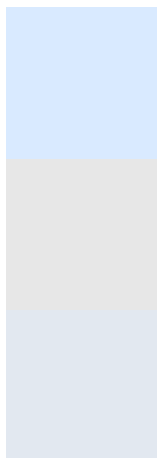
Deuteranomaly

233.1600, 10.7671, -0.1403

Tritanomaly

231.1970, 11.2419, -12.4508

Monochromacy



Original Color

231.3110, 11.6787, -12.5507

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.1180, 4.3788, -4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.3110, 11.6787, -12.5507 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, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 234, 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, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 234, 255) }
```

Border

The CSS property to change the border of an element to YUV 231.3110, 11.6787, -12.5507 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, 234, 255) }
```


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

```
.border{ border-color:rgb(217, 234, 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, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 234,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 231.3110, 11.6787, -12.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 234, 255) }
```

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

```
.background{ background-color: rgb(217,  
234, 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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