

Converting Colors

YUV(231.2790, 10.2155,
-9.8917)

Have a look what the booklet for
YUV(231.2790, 10.2155, -9.8917)
contains.

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Color

**YUV(231.2790, 10.2155,
-9.8917)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE9FC
RGB	220, 233, 252
RGB Percent	86%, 91%, 99%
CMY	0.1373, 0.0863, 0.0118
CMYK	0.13, 0.08, 0.00, 0.01
HSL	216°, 84%, 93%
HSV	216°, 13%, 99%
XYZ	76.2248, 80.5217, 103.6202
YIQ	231.2790, -13.8470, 3.1530

Conversions

Conversions Part 2

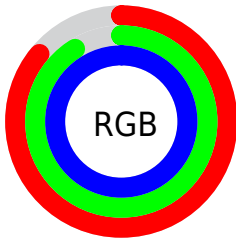
Format	Color
R _Y B	220, 229, 252
Decimal	14477820
CIE Lab	91.92, -0.63, -10.66
CIE LCh	92, 10.676, 266.637
Yxy	80.5217, 0.2928, 0.3093
Android (android.graphics.Color)	4292667900 (0xFFDCE9FC)
YUV	231.2790, 10.2155, -9.8917
Hunter-Lab	89.7339, -5.4069, -5.6514

Details

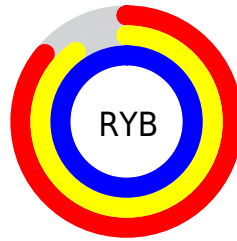
The YUV color $231.2790, 10.2155, -9.8917$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.7210, -10.2155, 9.8917$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.4640, 9.6312, -9.1769$ is the 20% darker color. If you saturate the color by 10%, you get $214.9990, 18.2415, -17.5391$, and if you desaturate by 10%, it is $247.5590, 2.1894, -2.2442$.

Distribution



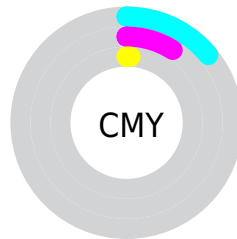
- Red (86%)
- Green (91%)
- Blue (99%)



- Red (86%)
- Yellow (90%)
- Blue (99%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.2790, 10.2155, -9.8917 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 231.2790, 10.2155, -9.8917 by changing the saturation by 10% instead.

■ 231.2790, 10.2155,
-9.8917

■ 231.2790, 10.2155,
-9.8917

255.0000, 0.0000,
0.0000

■ 203.1650, 9.7787,
-9.7917

■ 175.4640, 9.6312,
-9.1769

■ 149.0510, 9.3419,
-9.6917

■ 123.3500, 9.1944,
-9.0770

■ 98.2360, 8.7577,
-8.9770

■ 74.2360, 8.7577,
-8.9770

■ 51.4210, 8.1734,

-8.2622

■ 30.0080, 7.8841,
-8.7770

■ 8.1330, 8.3154,
-7.1326

■ 231.2790, 10.2155,
-9.8917

■ 231.2790, 10.2155,
-9.8917

■ 214.9990, 18.2415,
-17.5391

■ 247.5590, 2.1894,
-2.2442

■ 198.7190, 26.2675,
-25.1866

■ 254.6580, -1.3104,
0.2999

■ 182.1400, 34.4410,
-33.4488

■ 165.8600, 42.4670,
-41.0962

■ 149.5800, 50.4931,
-48.7437

■ 133.3000, 58.5191,
-56.3911

■ 117.0200, 66.5451,
-64.0385

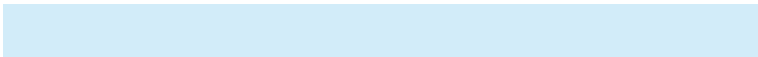
■ 100.4410, 74.7186,
-72.3008

■ 88.6020, 80.5552,
-77.7040

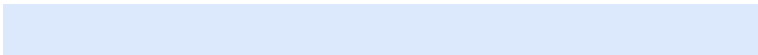
Harmonies

Analogous

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



229.7080, 9.5110, -17.2839



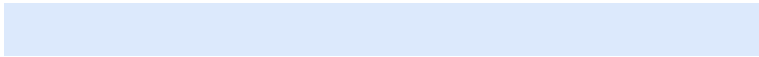
231.2790, 10.2155, -9.8917



233.1770, 8.2937, -0.1552

Triad

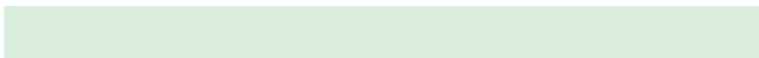
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.2790, 10.2155, -9.8917



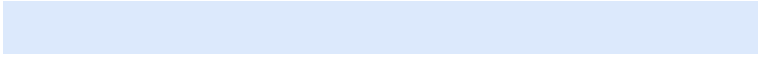
233.4430, -5.1484, 18.0285



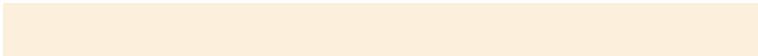
229.6800, -4.7722, -9.3664

Complementary

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



231.2790, 10.2155, -9.8917



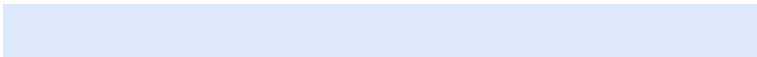
240.7210, -10.2155, 9.8917

Split Complementary

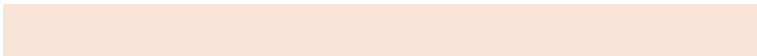
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.4100, -8.5831, -0.3596



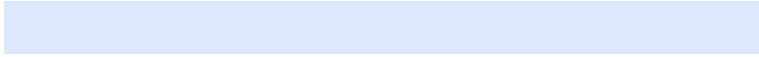
231.2790, 10.2155, -9.8917



232.5090, -8.6319, 15.3396

Square

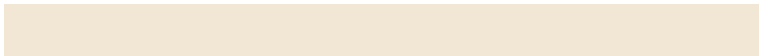
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.2790, 10.2155, -9.8917



233.9850, -0.4856, 15.7992



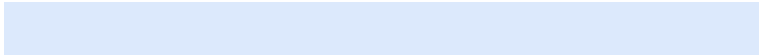
232.1230, -9.9206, 8.6621



228.7160, 0.6330, -16.4139

Rectangle

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



231.2790, 10.2155, -9.8917



233.9390, 5.9461, 6.1925



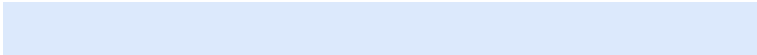
232.1230, -9.9206, 8.6621



229.7620, -5.7987, -6.8073

Sweetspot

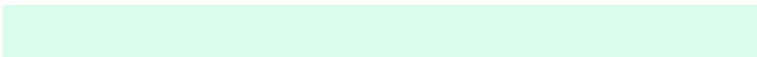
The Sweet Spot groups the original color and five complimentary colors.



231.2790, 10.2155, -9.8917



248.4880, 3.2104, -3.0590



240.9500, -0.9613, -18.3731



123.5590, 2.1894, -2.2442



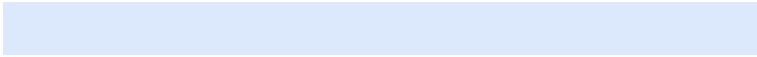
0.0000, 0.0000, 0.0000



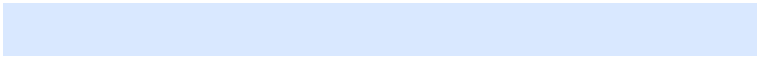
128.0000, 0.0000, 0.0000

Same Dimension

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



231.2790, 10.2155, -9.8917



230.1370, 12.2575, -11.5211



224.5450, 13.5353, -1.3550



117.0040, 3.9420, -4.3885



66.7450, 60.2717, -58.5354



21.6290, 19.4099, -18.9686

Inverse Universe

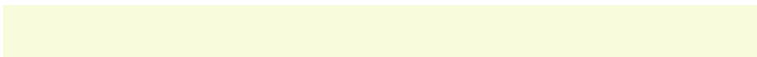
The Inverse Universe completely reimagines the original color for something new.



231.0500, 0.9613, 18.3731



230.0720, 0.9505, 21.8619



247.4550, -13.5353, 1.3550



116.5710, 0.7045, 7.3922



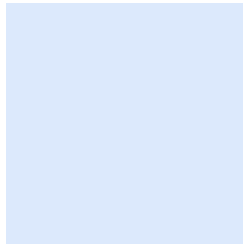
65.2890, 5.7735, 108.4945



21.0890, 1.9281, 35.0019

Previews

White Background



This preview shows how the YUV color 231.2790, 10.2155, -9.8917 looks on a white background.

Color Contrast Check

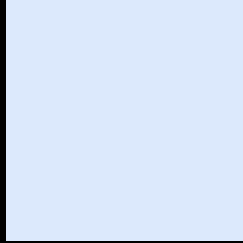
Large Text (above 18pt) WCAG AA × Fail

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 231.2790, 10.2155, -9.8917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

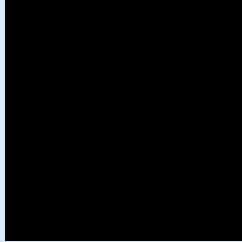
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.2790, 10.2155, -9.8917

Background



This preview shows how black text looks on a background with the YUV color 231.2790, 10.2155, -9.8917.



This preview shows how white text looks on a background with the YUV color 231.2790, 10.2155, -9.8917.

-9.8917.

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

231.2790, 10.2155, -9.8917

Protanopia

232.2800, 8.7360, -1.9996

Deuteranopia

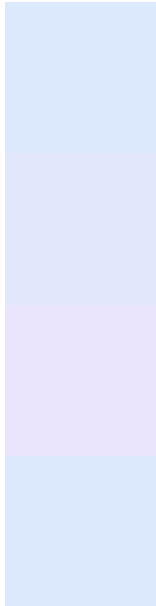
233.9870, 9.8664, 8.7814



Tritanopia

231.2790, 10.2155, -9.8917

Trichromacy



Original Color

231.2790, 10.2155, -9.8917

Protanomaly

231.7850, 9.4730, -5.0734

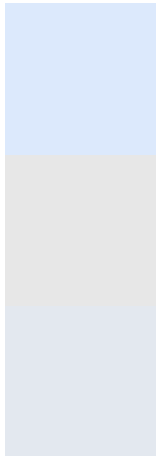
Deuteranomaly

232.9430, 9.8881, 1.8040

Tritanomaly

231.2790, 10.2155, -9.8917

Monochromacy



Original Color

231.2790, 10.2155, -9.8917

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.3030, 3.7946, -3.7737

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.2790, 10.2155, -9.8917 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(220, 233, 252)` looks like.

```
.text, #text, p{  
    color:rgb(220, 233, 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(220, 233, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 233, 252) }
```

Border

The CSS property to change the border of an element to YUV 231.2790, 10.2155, -9.8917 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(220, 233, 252) }
```


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

```
.border{ border-color:rgb(220, 233, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 233, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 233, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 233, 252);  
box-shadow:4px 4px 4px 4px rgb(220, 233,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 231.2790, 10.2155, -9.8917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 233, 252) }
```

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

```
.background{ background-color: rgb(220,  
233, 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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