

Converting Colors

YUV(228.7190, 9.5055,
-15.5396)

Have a look what the booklet for
YUV(228.7190, 9.5055, -15.5396)
contains.

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Color

**YUV(228.7190, 9.5055,
-15.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EAF8
RGB	211, 234, 248
RGB Percent	83%, 92%, 97%
CMY	0.1725, 0.0824, 0.0275
CMYK	0.15, 0.06, 0.00, 0.03
HSL	203°, 73%, 90%
HSV	203°, 15%, 97%
XYZ	73.2301, 79.4718, 100.2869
YIQ	228.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

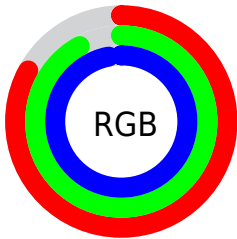
Format	Color
R _Y B	211, 225, 248
Decimal	13888248
CIE Lab	91.45, -4.76, -9.34
CIE LCh	91, 10.481, 242.986
Yxy	79.4718, 0.2895, 0.3141
Android (android.graphics.Color)	4292078328 (0xFFD3EAF8)
YUV	228.7190, 9.5055, -15.5396
Hunter-Lab	89.1470, -9.3778, -4.2961

Details

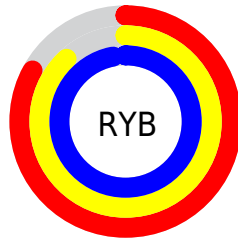
The YUV color $228.7190, 9.5055, -15.5396$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $230.2810, -9.5055, 15.5396$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.0180, 9.3581, -14.9248$ is the 20% darker color. If you saturate the color by 10%, you get $215.9610, 15.7952, -26.2758$, and if you desaturate by 10%, it is $241.4770, 3.2158, -4.8033$.

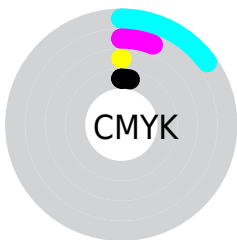
Distribution



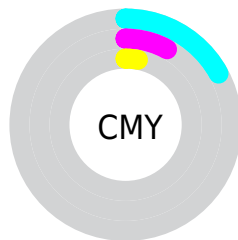
- Red (83%)
- Green (92%)
- Blue (97%)



- Red (83%)
- Yellow (88%)
- Blue (97%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.7190, 9.5055, -15.5396 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 228.7190, 9.5055, -15.5396 by changing the saturation by 10% instead.

■ 228.7190, 9.5055,
-15.5396

■ 228.7190, 9.5055,
-15.5396

255.0000, 0.0000,
0.0000

■ 200.6050, 9.0687,
-15.4396

■ 173.0180, 9.3581,
-14.9248

■ 146.9040, 8.9213,
-14.8248

■ 120.7900, 8.4845,
-14.7248

■ 96.0890, 8.3371,
-14.1101

■ 71.9750, 7.9003,
-14.0101

■ 49.2740, 7.7529,

-13.3953

■ 27.5620, 7.6109,
-14.5249

■ 8.4920, 7.1524,
-7.4475

■ 228.7190, 9.5055,
-15.5396

■ 228.7190, 9.5055,
-15.5396

■ 215.9610, 15.7952,
-26.2758

■ 241.4770, 3.2158,
-4.8033

■ 202.6160, 22.3743,
-36.4972

■ 253.0280, -2.4788,
1.7294

■ 190.1570, 28.5166,
-46.6187

■ 254.2020, -3.0576,
0.6998

■ 176.8120, 35.0957,
-56.8401

■ 164.0540, 41.3854,
-67.5764

■ 151.2960, 47.6751,
-78.3126

■ 137.9510, 54.2542,
-88.5340

■ 125.4920, 60.3964,
-98.6555

■ 118.6700, 63.7597,
-104.0736

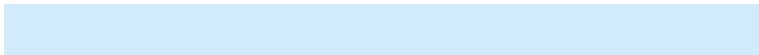
Harmonies

Analogous

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



227.6000, 6.6062, -18.9432



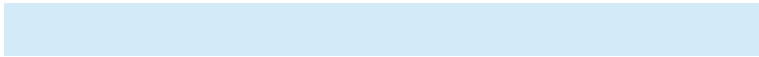
228.7190, 9.5055, -15.5396



230.1760, 9.7732, -8.0474

Triad

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



228.7190, 9.5055, -15.5396



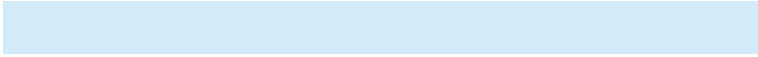
232.7570, -1.3592, 15.9991



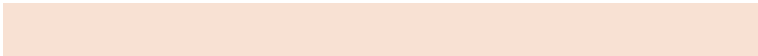
228.7410, -7.2673, -2.4039

Complementary

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



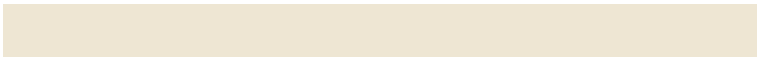
228.7190, 9.5055, -15.5396



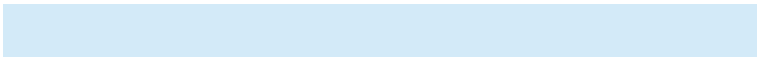
230.2810, -9.5055, 15.5396

Split Complementary

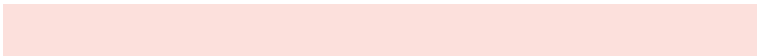
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.2260, -9.4784, 6.8178



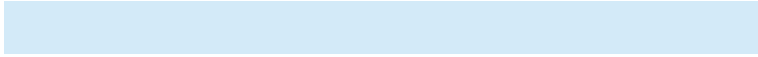
228.7190, 9.5055, -15.5396



231.9160, -5.8746, 17.6137

Square

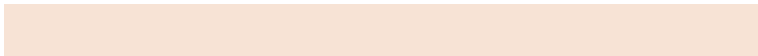
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.7190, 9.5055, -15.5396



232.6900, 3.6038, 10.7959



231.3840, -9.0633, 13.6952



228.0110, -3.4564, -11.4106

Rectangle

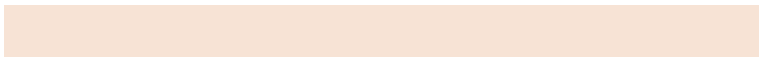
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.7190, 9.5055, -15.5396



231.5790, 8.5886, -1.3848



231.3840, -9.0633, 13.6952



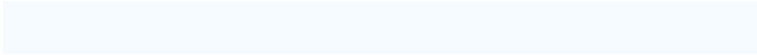
229.1220, -8.4411, 0.7700

Sweetspot

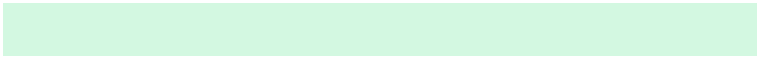
The Sweet Spot groups the original color and five complimentary colors.



228.7190, 9.5055, -15.5396



249.6620, 2.6316, -4.0886



234.3150, -4.5923, -20.4473



124.1460, 1.9000, -2.7590



0.0000, 0.0000, 0.0000



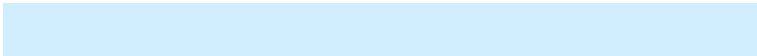
128.0000, 0.0000, 0.0000

Same Dimension

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



228.7190, 9.5055, -15.5396



231.2670, 11.7004, -19.5282



218.1530, 14.7146, -6.2732



118.1780, 3.3632, -5.4181



90.2250, 48.6961, -79.1273



29.2600, 15.6478, -25.6610

Inverse Universe

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



224.6850, 4.5923, 20.4473



226.0600, 5.8864, 25.3804



240.8470, -14.7146, 6.2732



116.7990, 1.5781, 7.1923



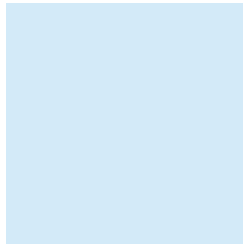
69.8490, 23.2454, 104.4954



22.5710, 7.6065, 33.7022

Previews

White Background



This preview shows how the YUV color 228.7190, 9.5055, -15.5396 looks on a white background.

Color Contrast Check

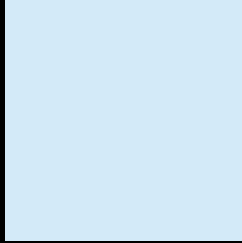
Large Text (above 18pt) WCAG AA × Fail

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 228.7190, 9.5055, -15.5396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

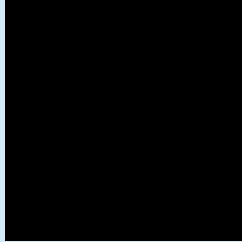
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

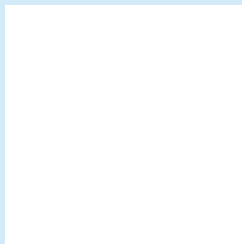
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.7190, 9.5055, -15.5396

Background



This preview shows how black text looks on a background with the YUV color 228.7190, 9.5055, -15.5396.



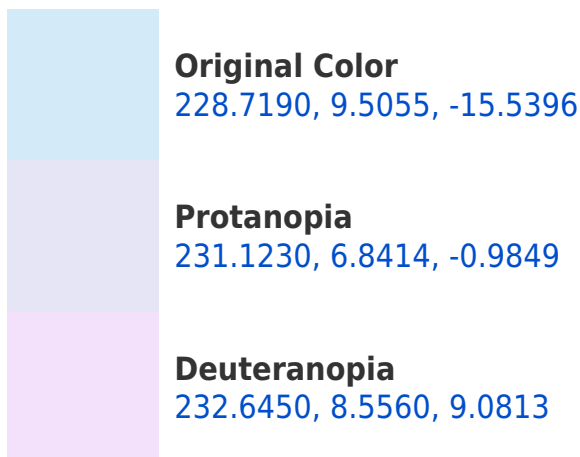
This preview shows how white text looks on a background with the YUV color 228.7190, 9.5055, -15.5396.

-15.5396.

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





Tritanopia

228.8870, 11.3947, -14.8099

Trichromacy



Original Color

228.7190, 9.5055, -15.5396

Protanomaly

230.3180, 7.7312, -6.4179

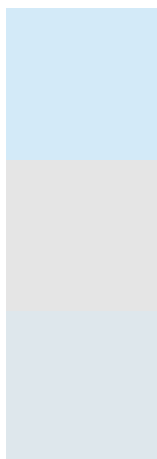
Deuteranomaly

231.2910, 8.7305, -0.2552

Tritanomaly

228.7730, 10.9579, -14.7099

Monochromacy



Original Color

228.7190, 9.5055, -15.5396

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.8790, 3.5107, -6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.7190, 9.5055, -15.5396 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(211, 234, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 234, 248)  
}
```

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(211, 234, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 234, 248) }
```

Border

The CSS property to change the border of an element to YUV 228.7190, 9.5055, -15.5396 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(211, 234, 248) }
```


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

```
.border{ border-color:rgb(211, 234, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 234, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 234, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 234, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 234,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 228.7190, 9.5055, -15.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 234, 248) }
```

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

```
.background{ background-color: rgb(211,  
234, 248) }
```

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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