

Converting Colors

YUV(227.1580, 13.7261,
-15.9246)

Have a look what the booklet for
YUV(227.1580, 13.7261, -15.9246)
contains.

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Color

**YUV(227.1580, 13.7261,
-15.9246)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E7FF
RGB	209, 231, 255
RGB Percent	82%, 91%, 100%
CMY	0.1804, 0.0941, 0.0000
CMYK	0.18, 0.09, 0.00, 0.00
HSL	211°, 100%, 91%
HSV	211°, 18%, 100%
XYZ	72.9204, 77.9271, 105.8059
YIQ	227.1580, -20.8160, 2.8000

Conversions

Conversions Part 2

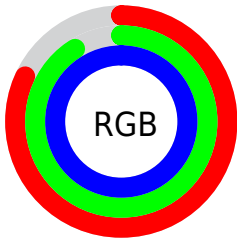
Format	Color
R _Y B	209, 224, 255
Decimal	13756415
CIE Lab	90.75, -2.39, -14.05
CIE LCh	91, 14.253, 260.357
Yxy	77.9271, 0.2841, 0.3036
Android (android.graphics.Color)	4291946495 (0xFFD1E7FF)
YUV	227.1580, 13.7261, -15.9246
Hunter-Lab	88.2763, -7.0342, -9.2701

Details

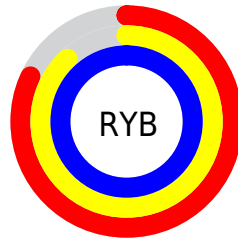
The YUV color `227.1580, 13.7261, -15.9246` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `236.8420, -13.7261, 15.9246`, and the grayscale version is `227.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `171.3430, 13.1419, -15.2098` is the 20% darker color. If you saturate the color by 10%, you get `211.7530, 21.3208, -25.2164`, and if you desaturate by 10%, it is `242.5630, 6.1314, -6.6328`.

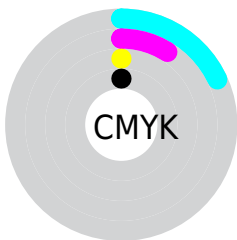
Distribution



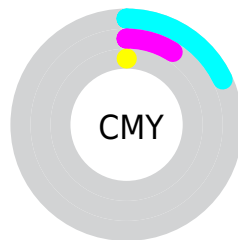
- Red (82%)
- Green (91%)
- Blue (100%)



- Red (82%)
- Yellow (88%)
- Blue (100%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.1580, 13.7261, -15.9246 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 227.1580, 13.7261, -15.9246 by changing the saturation by 10% instead.

■ 227.1580, 13.7261,
-15.9246

■ 227.1580, 13.7261,
-15.9246

255.0000, 0.0000,
0.0000

■ 199.0440, 13.2893,
-15.8246

■ 171.3430, 13.1419,
-15.2098

■ 145.2290, 12.7051,
-15.1098

■ 119.1150, 12.2683,
-15.0099

■ 94.1150, 12.2683,
-15.0099

■ 70.3000, 11.6841,
-14.2951

■ 47.4740, 11.1053,

-15.3247

■ 25.4630, 11.1107,
-17.0691

■ 6.6000, 10.0572,
-5.7882

■ 227.1580, 13.7261,
-15.9246

■ 227.1580, 13.7261,
-15.9246

■ 211.7530, 21.3208,
-25.2164

■ 242.5630, 6.1314,
-6.6328

■ 196.0600, 29.0574,
-33.3786

255.0000, 0.0000,
0.0000

■ 180.6550, 36.6521,
-42.6704

■ 165.5490, 44.0993,
-51.3475

■ 149.8560, 51.8360,
-59.5097

■ 134.4510, 59.4307,
-68.8015

■ 119.0460, 67.0253,
-78.0933

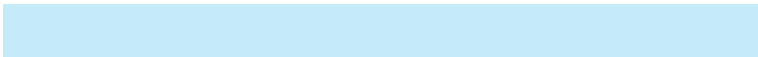
■ 103.9400, 74.4726,
-86.7704

■ 100.6840, 76.0778,
-88.2999

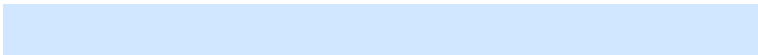
Harmonies

Analogous

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



225.2340, 11.7166, -24.7612



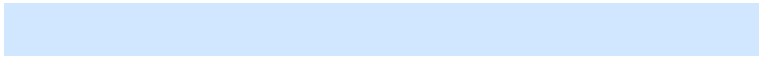
227.1580, 13.7261, -15.9246



229.1920, 12.2303, -2.7994

Triad

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



227.1580, 13.7261, -15.9246



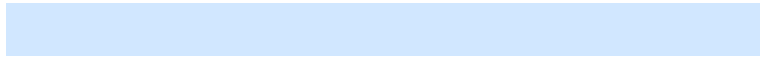
230.4650, -5.1592, 21.5172



225.3980, -7.0982, -9.9960

Complementary

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



227.1580, 13.7261, -15.9246



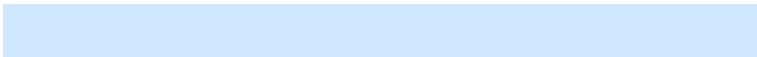
236.8420, -13.7261, 15.9246

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.



226.9220, -11.7935, 2.6994



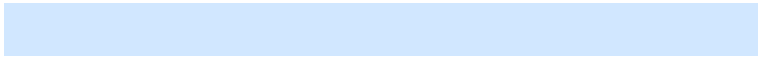
227.1580, 13.7261, -15.9246



230.2710, -10.9796, 21.6873

Square

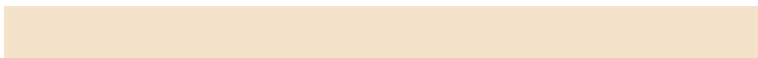
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.1580, 13.7261, -15.9246



231.6480, 0.6665, 19.6027



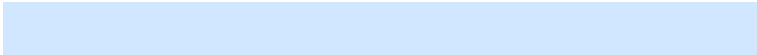
228.6460, -13.1365, 13.4655



224.0530, -0.5191, -20.2175

Rectangle

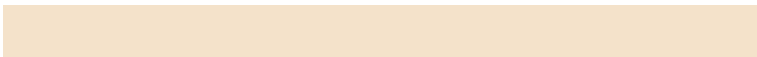
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.1580, 13.7261, -15.9246



230.7370, 9.0037, 5.4927



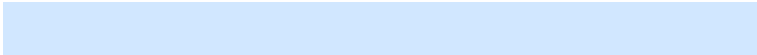
228.6460, -13.1365, 13.4655



225.8500, -9.2930, -6.0074

Sweetspot

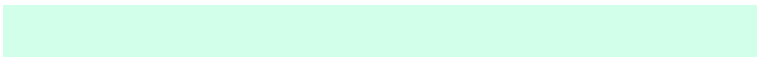
The Sweet Spot groups the original color and five complimentary colors.



227.1580, 13.7261, -15.9246



247.0040, 3.9420, -4.3885



238.7380, -2.8288, -26.0802



123.2600, 2.3368, -2.8590



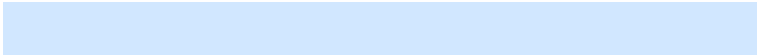
0.0000, 0.0000, 0.0000



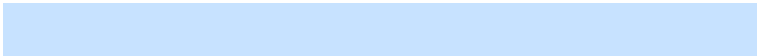
128.0000, 0.0000, 0.0000

Same Dimension

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



227.1580, 13.7261, -15.9246



221.2330, 16.6471, -19.4983



214.5430, 19.9453, -3.9842



120.0040, 3.9420, -4.3885



75.1910, 57.0938, -65.9425



24.9060, 19.2733, -21.8426

Inverse Universe

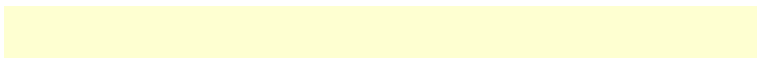
The Inverse Universe completely reimagines the original color for something new.



225.2620, 2.8288, 26.0802



218.8220, 3.5388, 31.7281



249.4570, -19.9453, 3.9842



119.5710, 0.7045, 7.3922



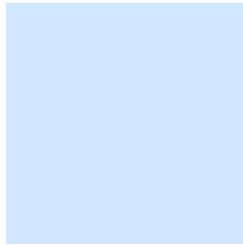
67.4830, 11.5939, 108.3244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 227.1580, 13.7261, -15.9246 looks on a white background.

Color Contrast Check

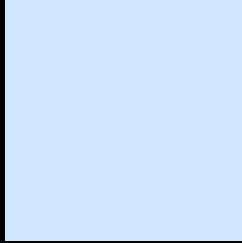
Large Text (above 18pt) WCAG AA × Fail

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 227.1580, 13.7261, -15.9246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

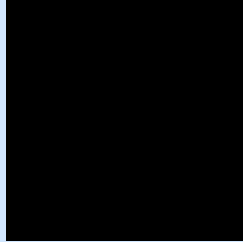
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

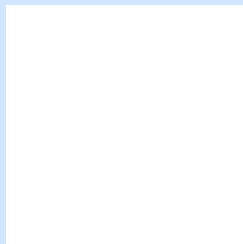
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.1580, 13.7261, -15.9246

Background



This preview shows how black text looks on a background with the YUV color 227.1580, 13.7261, -15.9246.



This preview shows how white text looks on a background with the YUV color 227.1580, 13.7261, -15.9246.

-15.9246.

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

227.1580, 13.7261, -15.9246

Protanopia

229.2520, 11.2148, -3.7290

Deuteranopia

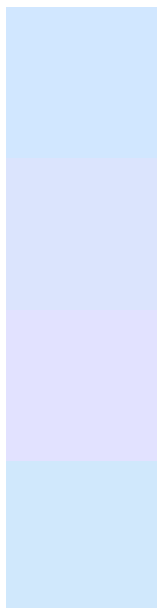
230.5350, 12.0612, 4.7928



Tritanopia

226.8760, 11.4001, -16.5543

Trichromacy



Original Color

227.1580, 13.7261, -15.9246

Protanomaly

228.1590, 12.2466, -8.0324

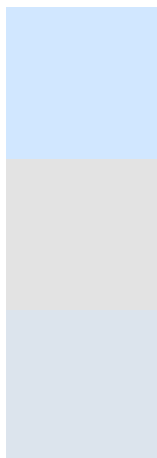
Deuteranomaly

229.3060, 12.6671, -2.8994

Tritanomaly

227.1040, 12.2737, -16.7542

Monochromacy



Original Color

227.1580, 13.7261, -15.9246

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.6340, 5.1104, -5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.1580, 13.7261, -15.9246 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(209, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 231, 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(209, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 231, 255) }
```

Border

The CSS property to change the border of an element to YUV 227.1580, 13.7261, -15.9246 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(209, 231, 255) }
```


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

```
.border{ border-color:rgb(209, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 231,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 227.1580, 13.7261, -15.9246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 231, 255) }
```

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

```
.background{ background-color: rgb(209,  
231, 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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