

Converting Colors

YUV(234.5230, 10.0952,
-17.9987)

Have a look what the booklet for
YUV(234.5230, 10.0952, -17.9987)
contains.

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Color

**YUV(234.5230, 10.0952,
-17.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F1FF
RGB	214, 241, 255
RGB Percent	84%, 95%, 100%
CMY	0.1608, 0.0549, 0.0000
CMYK	0.16, 0.05, 0.00, 0.00
HSL	200°, 100%, 92%
HSV	200°, 16%, 100%
XYZ	77.2369, 84.4267, 106.8329
YIQ	234.5230, -20.5860, -1.3700

Conversions

Conversions Part 2

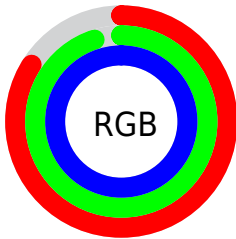
Format	Color
R _{YB}	214, 230, 255
Decimal	14086655
CIE Lab	93.64, -5.98, -9.71
CIE LCh	94, 11.404, 238.370
Yxy	84.4267, 0.2877, 0.3144
Android (android.graphics.Color)	4292276735 (0xFFD6F1FF)
YUV	234.5230, 10.0952, -17.9987
Hunter-Lab	91.8840, -10.7516, -4.6173

Details

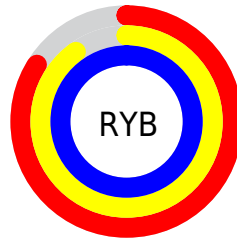
The YUV color $234.5230, 10.0952, -17.9987$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $234.4770, -10.0952, 17.9987$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.7080, 9.5110, -17.2839$ is the 20% darker color. If you saturate the color by 10%, you get $221.7650, 16.3849, -28.7349$, and if you desaturate by 10%, it is $247.5800, 3.6581, -6.6477$.

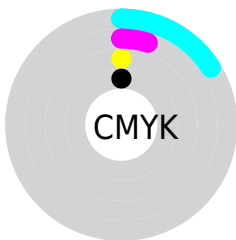
Distribution



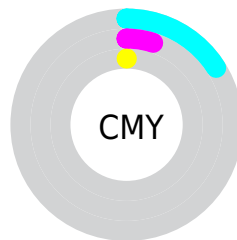
- Red (84%)
- Green (95%)
- Blue (100%)



- Red (84%)
- Yellow (90%)
- Blue (100%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.5230, 10.0952, -17.9987 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 234.5230, 10.0952, -17.9987 by changing the saturation by 10% instead.

■ 234.5230, 10.0952,
-17.9987

■ 234.5230, 10.0952,
-17.9987

255.0000, 0.0000,
0.0000

■ 206.4090, 9.6584,
-17.8987

■ 178.7080, 9.5110,
-17.2839

■ 151.7080, 9.5110,
-17.2839

■ 126.0070, 9.3635,
-16.6691

■ 100.8930, 8.9268,
-16.5692

■ 76.7790, 8.4900,
-16.4692

■ 53.7790, 8.4900,

-16.4692

■ 31.3660, 8.2006,
-16.9840

■ 13.0570, 6.8739,
-11.4510

■ 234.5230, 10.0952,
-17.9987

■ 234.5230, 10.0952,
-17.9987

■ 221.7650, 16.3849,
-28.7349

■ 247.5800, 3.6581,
-6.6477

■ 209.2950, 22.5326,
-40.6007

255.0000, 0.0000,
0.0000

■ 196.5370, 28.8223,
-51.3369

■ 183.4800, 35.2594,
-62.6880

■ 170.7220, 41.5491,
-73.4242

■ 158.2520, 47.6968,
-85.2900

■ 145.1950, 54.1339,
-96.6410

■ 132.4370, 60.4236,
-107.3772

■ 127.6860, 62.7658,
-111.9806

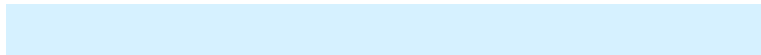
Harmonies

Analogous

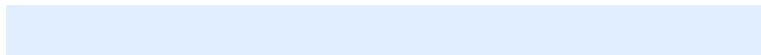
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.5890, 6.6116, -20.6876



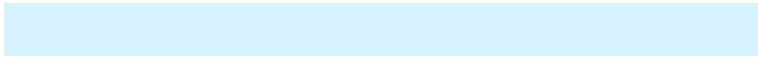
234.5230, 10.0952, -17.9987



236.0510, 9.3419, -9.6917

Triad

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



234.5230, 10.0952, -17.9987



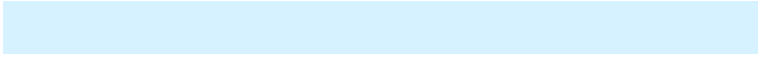
237.8000, 0.0986, 15.0844



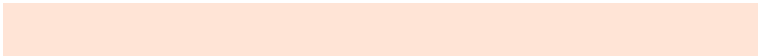
234.9970, -8.8725, -0.8744

Complementary

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



234.5230, 10.0952, -17.9987



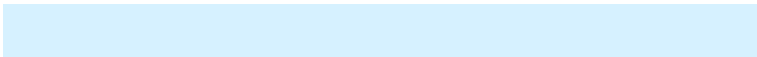
234.4770, -10.0952, 17.9987

Split Complementary

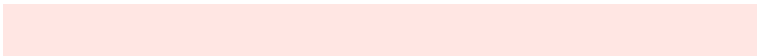
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.8950, -10.7942, 8.8621



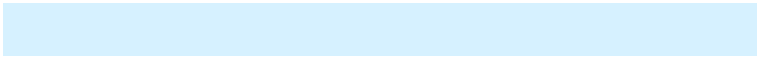
234.5230, 10.0952, -17.9987



237.1330, -4.9956, 15.6694

Square

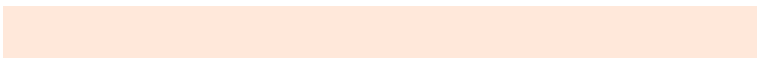
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



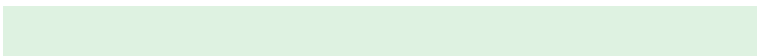
234.5230, 10.0952, -17.9987



238.9180, 4.4774, 10.5959



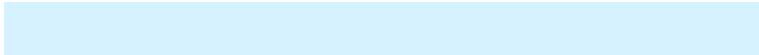
237.2810, -9.5055, 15.5396



234.0820, -4.4774, -10.5959

Rectangle

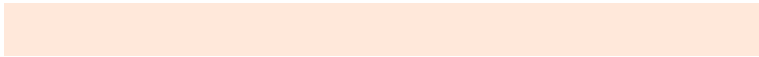
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234.5230, 10.0952, -17.9987



236.9810, 8.8834, -2.6143



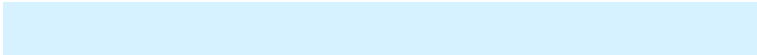
237.2810, -9.5055, 15.5396



235.7910, -9.7570, 2.8143

Sweetspot

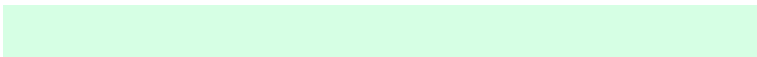
The Sweet Spot groups the original color and five complimentary colors.



234.5230, 10.0952, -17.9987



248.7650, 3.0739, -5.9329



239.6630, -5.7499, -22.5065



123.8470, 2.0474, -3.3738



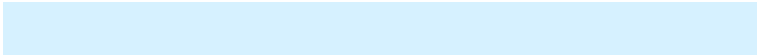
0.0000, 0.0000, 0.0000



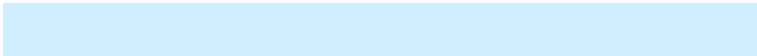
128.0000, 0.0000, 0.0000

Same Dimension

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



234.5230, 10.0952, -17.9987



230.6690, 11.9952, -20.7577



222.7830, 15.8830, -7.7027



121.1780, 3.3632, -5.4181



95.7360, 46.9652, -83.9605



31.9500, 15.8006, -28.0202

Inverse Universe

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



229.3370, 5.7499, 22.5065



224.8860, 6.4652, 26.4100



246.2170, -15.8830, 7.7027



119.7990, 1.5781, 7.1923



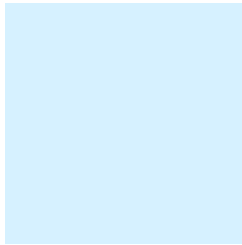
71.4730, 26.8818, 104.8252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 234.5230, 10.0952, -17.9987 looks on a white background.

Color Contrast Check

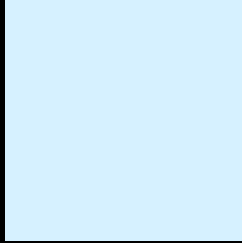
Large Text (above 18pt) WCAG AA × Fail

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 234.5230, 10.0952, -17.9987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

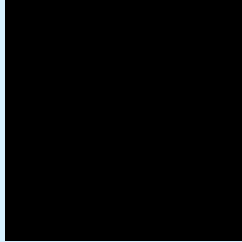
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

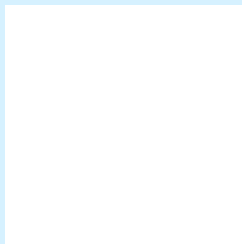
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 234.5230, 10.0952, -17.9987

Background



This preview shows how black text looks on a background with the YUV color 234.5230, 10.0952, -17.9987.



This preview shows how white text looks on a background with the YUV color 234.5230, 10.0952, -17.9987.

-17.9987.

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

234.5230, 10.0952, -17.9987

Protanopia

237.1230, 6.8414, -0.9849

Deuteranopia

238.8190, 7.9772, 8.0517



Tritanopia

235.4310, 9.6475, -14.4100

Trichromacy



Original Color

234.5230, 10.0952, -17.9987

Protanomaly

236.0190, 7.8786, -7.0327

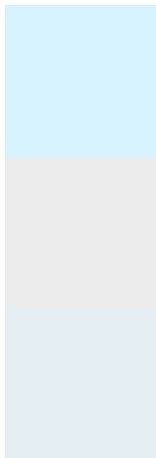
Deuteranomaly

237.5790, 8.5886, -1.3848

Tritanomaly

234.8330, 9.9423, -15.6395

Monochromacy



Original Color

234.5230, 10.0952, -17.9987

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.5800, 3.6581, -6.6477

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.5230, 10.0952, -17.9987 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(214, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 241, 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(214, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 241, 255) }
```

Border

The CSS property to change the border of an element to YUV 234.5230, 10.0952, -17.9987 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(214, 241, 255) }
```


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

```
.border{ border-color:rgb(214, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 241,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 234.5230, 10.0952, -17.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 241, 255) }
```

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

```
.background{ background-color: rgb(214,  
241, 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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