

Converting Colors

YUV(227.3930, 10.6523,
-9.9917)

Have a look what the booklet for
YUV(227.3930, 10.6523, -9.9917)
contains.

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Color

**YUV(227.3930, 10.6523,
-9.9917)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E5F9
RGB	216, 229, 249
RGB Percent	85%, 90%, 98%
CMY	0.1529, 0.1020, 0.0235
CMYK	0.13, 0.08, 0.00, 0.02
HSL	216°, 73%, 91%
HSV	216°, 13%, 98%
XYZ	73.4371, 77.4771, 100.7066
YIQ	227.3930, -14.1680, 3.4640

Conversions

Conversions Part 2

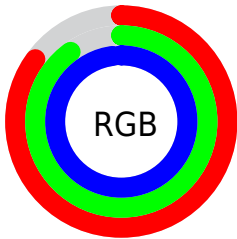
Format	Color
R _Y B	216, 225, 249
Decimal	14214649
CIE Lab	90.54, -0.42, -11.17
CIE LCh	91, 11.180, 267.840
Yxy	77.4771, 0.2919, 0.3079
Android (android.graphics.Color)	4292404729 (0xFFD8E5F9)
YUV	227.3930, 10.6523, -9.9917
Hunter-Lab	88.0211, -5.1121, -6.2200

Details

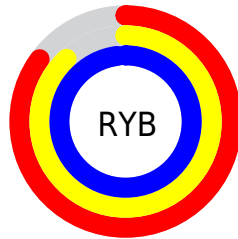
The YUV color $227.3930, 10.6523, -9.9917$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $237.6070, -10.6523, 9.9917$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.2790, 10.2155, -9.8917$ is the 20% darker color. If you saturate the color by 10%, you get $211.1130, 18.6783, -17.6391$, and if you desaturate by 10%, it is $243.6730, 2.6262, -2.3442$.

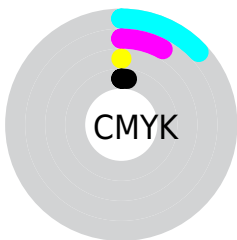
Distribution



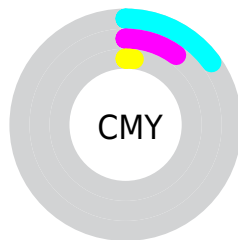
- Red (85%)
- Green (90%)
- Blue (98%)



- Red (85%)
- Yellow (88%)
- Blue (98%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.3930, 10.6523, -9.9917 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 227.3930, 10.6523, -9.9917 by changing the saturation by 10% instead.

■ 227.3930, 10.6523,
-9.9917

■ 227.3930, 10.6523,
-9.9917

255.0000, 0.0000,
0.0000

■ 199.2790, 10.2155,
-9.8917

■ 172.2790, 10.2155,
-9.8917

■ 145.4640, 9.6312,
-9.1769

■ 119.4640, 9.6312,
-9.1769

■ 95.3500, 9.1945,
-9.0769

■ 71.2360, 8.7577,
-8.9770

■ 48.2360, 8.7577,

-8.9770

■ 27.1220, 8.3209,
-8.8770

■ 4.4970, 9.6150,
-3.9439

■ 227.3930, 10.6523,
-9.9917

■ 227.3930, 10.6523,
-9.9917

■ 211.1130, 18.6783,
-17.6391

■ 243.6730, 2.6262,
-2.3442

■ 194.8330, 26.7043,
-25.2865

■ 254.3160, -2.6208,
0.5999

■ 178.5530, 34.7304,
-32.9340

■ 162.2730, 42.7564,
-40.5814

■ 146.2920, 50.6350,
-47.6141

■ 129.4250, 58.9505,
-54.7467

■ 113.1450, 66.9765,
-62.3942

■ 96.8650, 75.0026,
-70.0416

■ 85.9120, 80.4024,
-75.3448

Harmonies

Analogous

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



225.8220, 9.9478, -17.3839



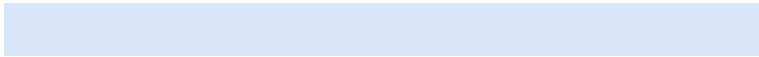
227.3930, 10.6523, -9.9917



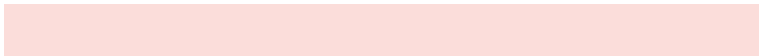
228.7040, 9.0199, 0.2596

Triad

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



227.3930, 10.6523, -9.9917



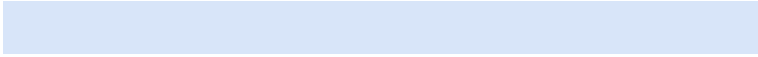
229.6280, -5.7326, 18.7432



225.3810, -4.6248, -9.9811

Complementary

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



227.3930, 10.6523, -9.9917



237.6070, -10.6523, 9.9917

Split Complementary

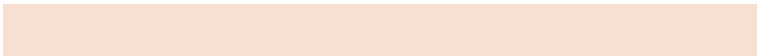
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.4100, -8.5831, -0.3596



227.3930, 10.6523, -9.9917



228.6940, -9.2161, 16.0544

Square

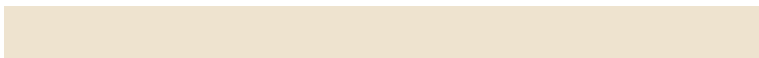
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.3930, 10.6523, -9.9917



230.2840, -0.6330, 16.4139



228.0090, -10.3574, 8.7621



224.5310, 1.2172, -17.1287

Rectangle

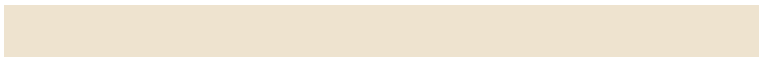
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



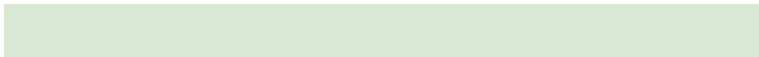
227.3930, 10.6523, -9.9917



229.6510, 6.0881, 7.3221



228.0090, -10.3574, 8.7621



225.3490, -6.0881, -7.3221

Sweetspot

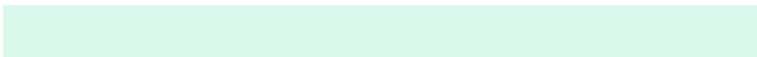
The Sweet Spot groups the original color and five complimentary colors.



227.3930, 10.6523, -9.9917



248.4880, 3.2104, -3.0590



237.6510, -0.8139, -18.9879



123.5590, 2.1894, -2.2442



0.0000, 0.0000, 0.0000



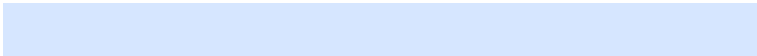
128.0000, 0.0000, 0.0000

Same Dimension

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



227.3930, 10.6523, -9.9917



228.0660, 13.2785, -12.3359



220.6590, 13.9721, -1.4549



116.4170, 4.2314, -3.8737



64.9840, 61.1399, -56.9910



21.0420, 19.6993, -18.4538

Inverse Universe

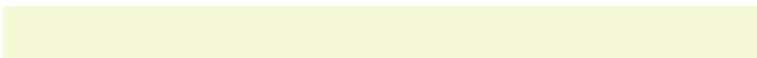
The Inverse Universe completely reimagines the original color for something new.



227.3490, 0.8139, 18.9879



228.0830, 0.9451, 23.6062



244.3410, -13.9721, 1.4549



116.4570, 0.2677, 7.4922



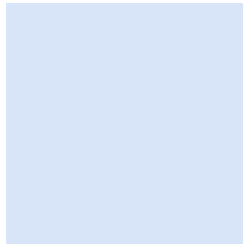
64.9470, 4.4631, 108.7945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 227.3930, 10.6523, -9.9917 looks on a white background.

Color Contrast Check

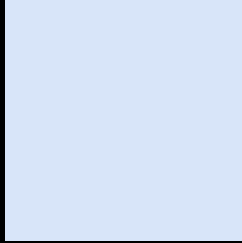
Large Text (above 18pt) WCAG AA × Fail

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 227.3930, 10.6523, -9.9917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

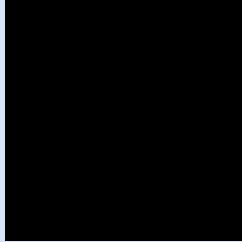
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

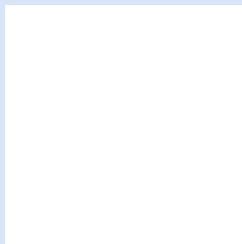
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.3930, 10.6523, -9.9917

Background



This preview shows how black text looks on a background with the YUV color 227.3930, 10.6523, -9.9917.



This preview shows how white text looks on a background with the YUV color 227.3930, 10.6523, -9.9917.

-9.9917.

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

227.3930, 10.6523, -9.9917

Protanopia

228.3940, 9.1728, -2.0995

Deuteranopia

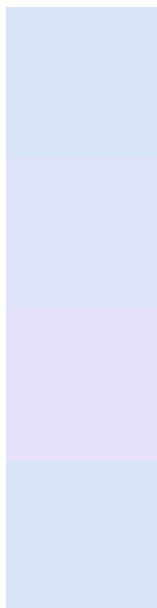
229.8020, 10.4506, 8.0666



Tritanopia

227.1650, 9.7787, -9.7917

Trichromacy



Original Color

227.3930, 10.6523, -9.9917

Protanomaly

227.8990, 9.9098, -5.1734

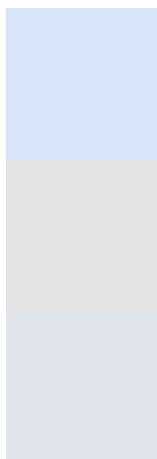
Deuteranomaly

229.0570, 10.3249, 1.7040

Tritanomaly

227.2790, 10.2155, -9.8917

Monochromacy



Original Color

227.3930, 10.6523, -9.9917

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.3030, 3.7946, -3.7737

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.3930, 10.6523, -9.9917 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(216, 229, 249)` looks like.

```
.text, #text, p{  
    color:rgb(216, 229, 249)  
}
```

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(216, 229, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 229, 249) }
```

Border

The CSS property to change the border of an element to YUV 227.3930, 10.6523, -9.9917 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(216, 229, 249) }
```


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

```
.border{ border-color:rgb(216, 229, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 229, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 229, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 229, 249);  
box-shadow:4px 4px 4px 4px rgb(216, 229,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 227.3930, 10.6523, -9.9917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 229, 249) }
```

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

```
.background{ background-color: rgb(216,  
229, 249) }
```

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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