

Converting Colors

YUV(227.1650, 9.7787, -9.7917)

Have a look what the booklet for
YUV(227.1650, 9.7787, -9.7917)
contains.

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Color

**YUV(227.1650, 9.7787,
-9.7917)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E5F7
RGB	216, 229, 247
RGB Percent	85%, 90%, 97%
CMY	0.1529, 0.1020, 0.0314
CMYK	0.13, 0.07, 0.00, 0.03
HSL	215°, 66%, 91%
HSV	215°, 13%, 97%
XYZ	73.1267, 77.3530, 99.0721
YIQ	227.1650, -13.5260, 2.8420

Conversions

Conversions Part 2

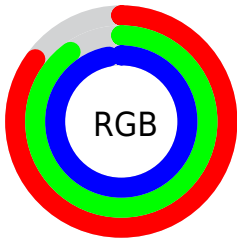
Format	Color
R _Y B	216, 225, 247
Decimal	14214647
CIE Lab	90.48, -0.82, -10.21
CIE LCh	90, 10.243, 265.390
Yxy	77.3530, 0.2930, 0.3100
Android (android.graphics.Color)	4292404727 (0xFFD8E5F7)
YUV	227.1650, 9.7787, -9.7917
Hunter-Lab	87.9505, -5.4991, -5.2220

Details

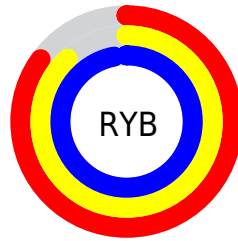
The YUV color `227.1650, 9.7787, -9.7917` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `235.8350, -9.7787, 9.7917`, and the grayscale version is `227.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `172.0510, 9.3419, -9.6917` is the 20% darker color. If you saturate the color by 10%, you get `211.4720, 17.5153, -17.9539`, and if you desaturate by 10%, it is `242.8580, 2.0420, -1.6295`.

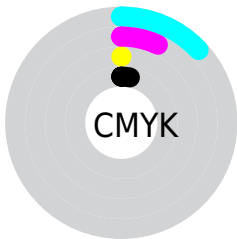
Distribution



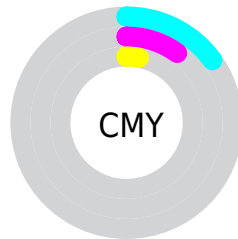
- Red (85%)
- Green (90%)
- Blue (97%)



- Red (85%)
- Yellow (88%)
- Blue (97%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.1650, 9.7787, -9.7917 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 227.1650, 9.7787, -9.7917 by changing the saturation by 10% instead.

■ 227.1650, 9.7787,
-9.7917

■ 227.1650, 9.7787,
-9.7917

255.0000, 0.0000,
0.0000

■ 199.0510, 9.3419,
-9.6917

■ 172.0510, 9.3419,
-9.6917

■ 145.3500, 9.1945,
-9.0769

■ 119.2360, 8.7577,
-8.9770

■ 95.1220, 8.3209,
-8.8770

■ 71.0080, 7.8841,
-8.7770

■ 48.3070, 7.7366,

-8.1622

■ 26.8940, 7.4473,
-8.6770

■ 4.2690, 8.7414,
-3.7439

■ 227.1650, 9.7787,
-9.7917

■ 227.1650, 9.7787,
-9.7917

■ 211.4720, 17.5153,
-17.9539

■ 242.8580, 2.0420,
-1.6295

■ 195.4910, 25.3939,
-24.9866

■ 254.0880, -3.4944,
0.7998

■ 179.7980, 33.1306,
-33.1488

■ 164.1050, 40.8672,
-41.3111

■ 147.8250, 48.8933,
-48.9585

■ 132.4310, 56.4825,
-56.5060

■ 116.7380, 64.2192,
-64.6682

■ 100.4580, 72.2452,
-72.3157

■ 89.2060, 77.7924,
-78.2337

Harmonies

Analogous

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



225.7790, 8.4900, -16.4692



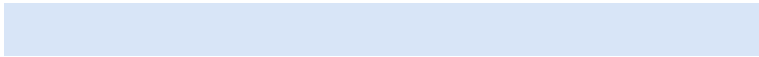
227.1650, 9.7787, -9.7917



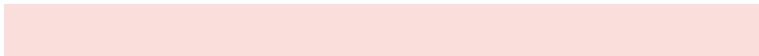
228.7640, 8.0043, -0.6700

Triad

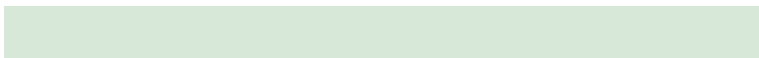
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.1650, 9.7787, -9.7917



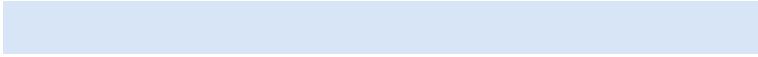
229.8450, -4.8536, 16.7989



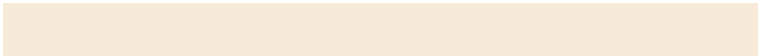
225.3920, -4.6303, -8.2368

Complementary

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



227.1650, 9.7787, -9.7917



235.8350, -9.7787, 9.7917

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.



226.8230, -8.2937, 0.1552



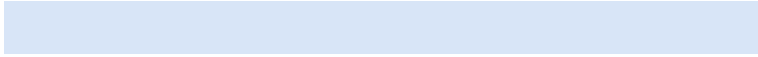
227.1650, 9.7787, -9.7917



228.6230, -8.1951, 15.2396

Square

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



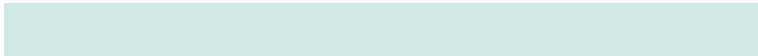
227.1650, 9.7787, -9.7917



229.8000, 0.0986, 15.0844



227.5360, -9.6312, 9.1769



225.0150, 0.4856, -15.7992

Rectangle

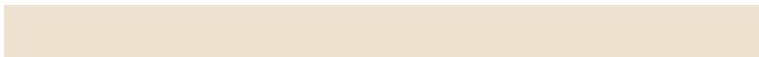
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



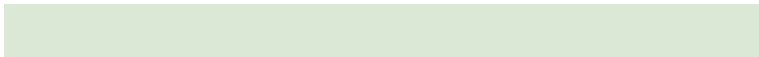
227.1650, 9.7787, -9.7917



229.6400, 6.0935, 5.5777



227.5360, -9.6312, 9.1769



226.0610, -5.9461, -6.1925

Sweetspot

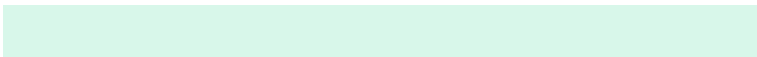
The Sweet Spot groups the original color and five complimentary colors.



227.1650, 9.7787, -9.7917



248.4880, 3.2104, -3.0590



236.2490, -1.1088, -17.7584



123.5590, 2.1894, -2.2442



0.0000, 0.0000, 0.0000



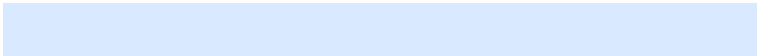
128.0000, 0.0000, 0.0000

Same Dimension

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



227.1650, 9.7787, -9.7917



230.7240, 11.9681, -12.0359



220.1320, 13.2459, -1.8698



114.3030, 3.7946, -3.7737



66.9900, 58.6719, -58.7502



21.4010, 18.5363, -18.7687

Inverse Universe

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



226.7510, 1.1088, 17.7584



230.1860, 1.3873, 21.7619



242.8680, -13.2459, 1.8698



114.1580, 0.4151, 6.8774



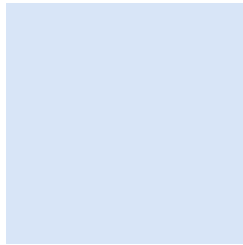
64.5060, 6.6525, 106.5502



20.4910, 2.2229, 33.7724

Previews

White Background



This preview shows how the YUV color 227.1650, 9.7787, -9.7917 looks on a white background.

Color Contrast Check

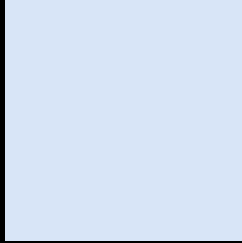
Large Text (above 18pt) WCAG AA × Fail

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 227.1650, 9.7787, -9.7917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

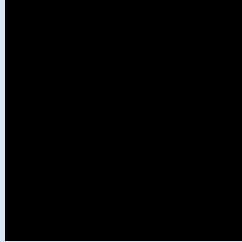
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

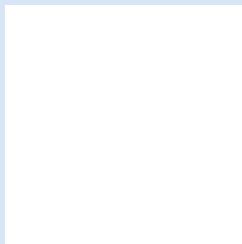
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.1650, 9.7787, -9.7917

Background



This preview shows how black text looks on a background with the YUV color 227.1650, 9.7787, -9.7917.



This preview shows how white text looks on a background with the YUV color 227.1650, 9.7787, -9.7917.

-9.7917.

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

227.1650, 9.7787, -9.7917

Protanopia

228.1660, 8.2992, -1.8996

Deuteranopia

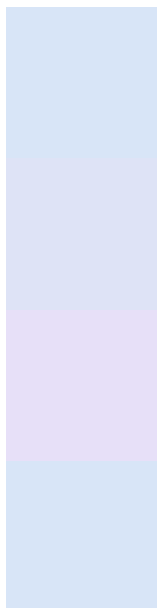
229.8730, 9.4296, 8.8814



Tritanopia

227.1650, 9.7787, -9.7917

Trichromacy



Original Color

227.1650, 9.7787, -9.7917

Protanomaly

227.6710, 9.0362, -4.9735

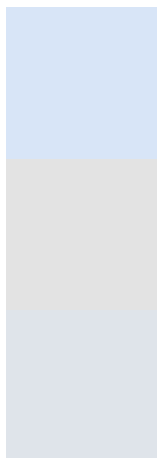
Deuteranomaly

228.8290, 9.4513, 1.9040

Tritanomaly

227.1650, 9.7787, -9.7917

Monochromacy



Original Color

227.1650, 9.7787, -9.7917

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.1890, 3.3578, -3.6738

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.1650, 9.7787, -9.7917 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(216, 229, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 229, 247) }
```

Border

The CSS property to change the border of an element to YUV 227.1650, 9.7787, -9.7917 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, 247) }
```


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

```
.border{ border-color:rgb(216, 229, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 229, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 229, 247); box-shadow:4px 4px 4px 4px rgb(216, 229, 247) }
```

Background

The CSS property to change the background color of an element to YUV 227.1650, 9.7787, -9.7917 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, 247) }
```

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

```
.background{ background-color: rgb(216,  
229, 247) }
```

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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