

Converting Colors

YUV(228.0950, 9.3202, -2.7143)

Have a look what the booklet for
YUV(228.0950, 9.3202, -2.7143)
contains.

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Color

**YUV(228.0950, 9.3202,
-2.7143)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E2F7
RGB	225, 226, 247
RGB Percent	88%, 89%, 97%
CMY	0.1176, 0.1137, 0.0314
CMYK	0.09, 0.09, 0.00, 0.03
HSL	237°, 58%, 93%
HSV	237°, 9%, 97%
XYZ	75.0362, 77.1157, 98.9257
YIQ	228.0950, -7.3370, 6.3190

Conversions

Conversions Part 2

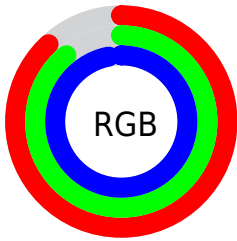
Format	Color
R _Y B	225, 226, 247
Decimal	14803703
CIE Lab	90.37, 3.60, -10.30
CIE LCh	90, 10.913, 289.261
Yxy	77.1157, 0.2989, 0.3071
Android (android.graphics.Color)	4292993783 (0xFFE1E2F7)
YUV	228.0950, 9.3202, -2.7143
Hunter-Lab	87.8155, -1.1533, -5.3203

Details

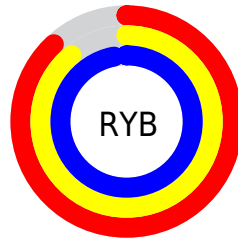
The YUV color $228.0950, 9.3202, -2.7143$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $243.9050, -9.3202, 2.7143$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.9810, 8.8834, -2.6143$ is the 20% darker color. If you saturate the color by 10%, you get $206.5320, 19.9507, -5.7286$, and if you desaturate by 10%, it is $249.6580, -1.3104, 0.2999$.

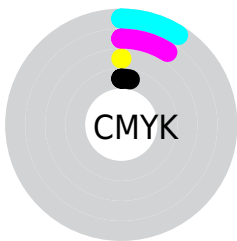
Distribution



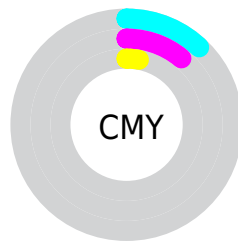
- Red (88%)
- Green (89%)
- Blue (97%)



- Red (88%)
- Yellow (89%)
- Blue (97%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (12%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.0950, 9.3202, -2.7143 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 228.0950, 9.3202, -2.7143 by changing the saturation by 10% instead.

■ 228.0950, 9.3202,
-2.7143

■ 228.0950, 9.3202,
-2.7143

255.0000, 0.0000,
0.0000

■ 199.9810, 8.8834,
-2.6143

■ 172.9810, 8.8834,
-2.6143

■ 145.9810, 8.8834,
-2.6143

■ 120.4540, 8.1572,
-3.0292

■ 95.7530, 8.0098,
-2.4144

■ 71.6390, 7.5730,
-2.3144

■ 49.2260, 7.2836,

-2.8292

■ 28.1120, 6.8468,
-2.7292

■ 2.5080, 9.6096,
-2.1995

■ 228.0950, 9.3202,
-2.7143

■ 228.0950, 9.3202,
-2.7143

■ 206.5320, 19.9507,
-5.7286

■ 249.6580, -1.3104,
0.2999

■ 185.8550, 30.1445,
-8.6428

■ 254.0880, -3.4944,
0.7998

■ 164.2920, 40.7750,
-11.6571

■ 143.3160, 51.1162,
-15.1861

■ 121.7530, 61.7468,
-18.2004

■ 101.0760, 71.9405,
-21.1147

■ 79.5130, 82.5711,
-24.1289

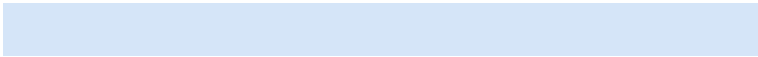
■ 57.9500, 93.2017,
-27.1432

■ 37.2730, 103.3954,
-30.0574

Harmonies

Analogous

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



226.3820, 10.6577, -11.7360



228.0950, 9.3202, -2.7143



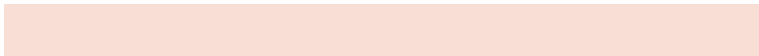
229.5370, 5.6513, 7.4221

Triad

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



228.0950, 9.3202, -2.7143



228.6340, -8.2006, 16.9840



224.0860, -0.5354, -14.9844

Complementary

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



228.0950, 9.3202, -2.7143



243.9050, -9.3202, 2.7143

Split Complementary

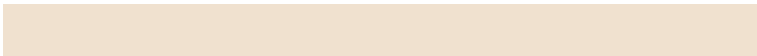
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.4630, -5.6513, -7.4221



228.0950, 9.3202, -2.7143



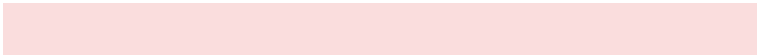
227.4330, -10.0735, 11.0213

Square

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



228.0950, 9.3202, -2.7143



229.6710, -4.2748, 17.8285



226.6060, -9.1728, 2.0995



224.4320, 4.7170, -19.6729

Rectangle

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



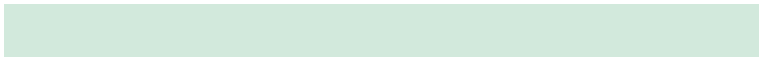
228.0950, 9.3202, -2.7143



229.4730, 2.7248, 12.7402



226.6060, -9.1728, 2.0995



224.6410, -2.2880, -12.8402

Sweetspot

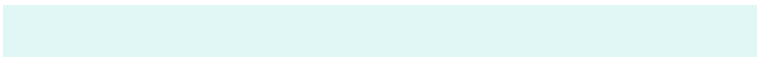
The Sweet Spot groups the original color and five complimentary colors.



228.0950, 9.3202, -2.7143



248.4990, 3.2050, -1.3146



240.3080, 2.8062, -13.4251



123.2710, 2.3314, -1.1147



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.



228.0950, 9.3202, -2.7143



230.7790, 11.9410, -3.3142



230.4980, 8.1355, 3.9483



111.9550, 4.9522, -1.7145



25.9000, 78.9293, -22.7143



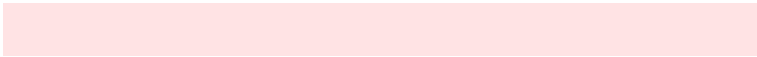
8.4870, 24.9029, -7.4431

Inverse Universe

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



231.6920, -2.8062, 13.4251



235.4860, -3.6906, 17.1138



241.5020, -8.1355, -3.9483



113.7020, -1.3321, 7.2773



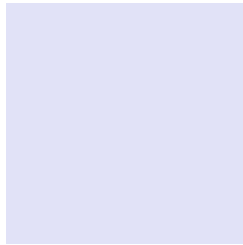
56.5260, -23.9233, 113.5487



17.9830, -7.3866, 35.9719

Previews

White Background



This preview shows how the YUV color 228.0950, 9.3202, -2.7143 looks on a white background.

Color Contrast Check

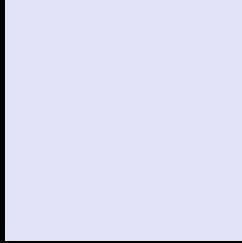
Large Text (above 18pt) WCAG AA × Fail

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 228.0950, 9.3202, -2.7143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

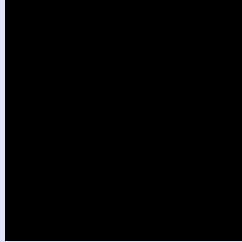
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.0950, 9.3202, -2.7143

Background



This preview shows how black text looks on a background with the YUV color 228.0950, 9.3202, -2.7143.



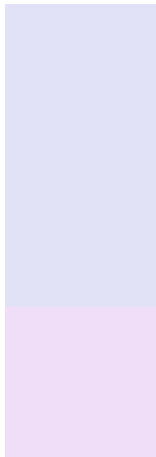
This preview shows how white text looks on a background with the YUV color 228.0950, 9.3202, -2.7143.

-2.7143.

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

228.0950, 9.3202, -2.7143

Protanopia

228.3940, 9.1728, -2.0995

Deuteranopia

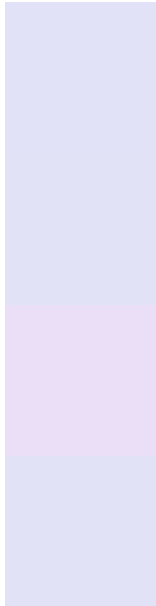
229.7590, 8.9928, 8.9814



Tritanopia

227.7530, 8.0098, -2.4144

Trichromacy



Original Color

228.0950, 9.3202, -2.7143

Protanomaly

228.3940, 9.1728, -2.0995

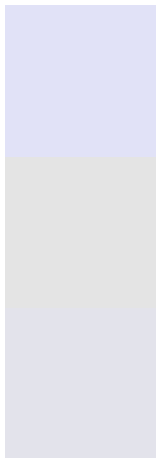
Deuteranomaly

229.4380, 9.1511, 4.8779

Tritanomaly

227.8670, 8.4466, -2.5144

Monochromacy



Original Color

228.0950, 9.3202, -2.7143

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9120, 3.4944, -0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.0950, 9.3202, -2.7143 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(225, 226, 247)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 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(225, 226, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 247) }
```

Border

The CSS property to change the border of an element to YUV 228.0950, 9.3202, -2.7143 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(225, 226, 247) }
```


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

```
.border{ border-color:rgb(225, 226, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 247);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 228.0950, 9.3202, -2.7143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 247) }
```

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

```
.background{ background-color: rgb(225,  
226, 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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