

Converting Colors

YUV(222.2970, 16.1226,
-37.9715)

Have a look what the booklet for
YUV(222.2970, 16.1226, -37.9715)
contains.

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Color

**YUV(222.2970, 16.1226,
-37.9715)**

Conversions

Conversions Part 1

Format	Color
Hex	B3EEFF
RGB	179, 238, 255
RGB Percent	70%, 93%, 100%
CMY	0.2980, 0.0667, 0.0000
CMYK	0.30, 0.07, 0.00, 0.00
HSL	193°, 100%, 85%
HSV	193°, 30%, 100%
XYZ	67.2149, 77.9528, 106.1115
YIQ	222.2970, -40.6210, -7.2210

Conversions

Conversions Part 2

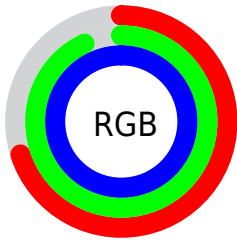
Format	Color
R _Y B	179, 212, 255
Decimal	11792127
CIE Lab	90.76, -14.70, -14.22
CIE LCh	91, 20.455, 224.051
Yxy	77.9528, 0.2675, 0.3102
Android (android.graphics.Color)	4289982207 (0xFFB3EEFF)
YUV	222.2970, 16.1226, -37.9715
Hunter-Lab	88.2909, -18.6188, -9.4535

Details

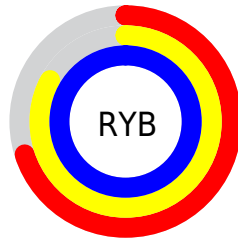
The YUV color $222.2970, 16.1226, -37.9715$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $211.7030, -16.1226, 37.9715$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3190, 2.8007, -11.6808$, and $166.4820, 15.5384, -37.2567$ is the 20% darker color. If you saturate the color by 10%, you get $211.0010, 21.6915, -50.8669$, and if you desaturate by 10%, it is $233.2940, 10.7011, -25.6908$.

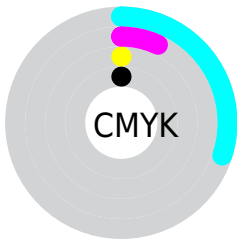
Distribution



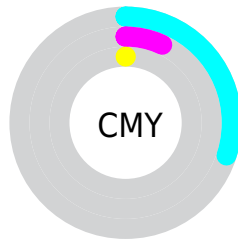
- Red (70%)
- Green (93%)
- Blue (100%)



- Red (70%)
- Yellow (83%)
- Blue (100%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.2970, 16.1226, -37.9715 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 222.2970, 16.1226, -37.9715 by changing the saturation by 10% instead.

■ 222.2970, 16.1226,
-37.9715

■ 222.2970, 16.1226,
-37.9715

255.0000, 0.0000,
0.0000

■ 194.1830, 15.6858,
-37.8715

■ 249.3190, 2.8007,
-11.6808

■ 166.4820, 15.5384,
-37.2567

■ 139.4820, 15.5384,
-37.2567

■ 113.0690, 15.2490,
-37.7715

■ 87.4710, 15.5438,
-39.0011

■ 59.7690, 16.8759,
-46.2784

■ 41.4390, 14.0806,

-36.3420

■ 26.0170, 10.8376,
-22.8169

■ 7.3010, 10.2046,
-6.4030

■ 222.2970, 16.1226,
-37.9715

■ 222.2970, 16.1226,
-37.9715

■ 211.0010, 21.6915,
-50.8669

■ 233.2940, 10.7011,
-25.6908

■ 200.5910, 26.8236,
-63.6623

■ 244.0030, 5.4215,
-12.2806

■ 189.2950, 32.3926,
-76.5577

255.0000, 0.0000,
0.0000

■ 178.2980, 37.8141,
-88.8383

■ 167.0020, 43.3830,
-101.7338

■ 156.5920, 48.5151,
-114.5292

■ 145.2960, 54.0841,
-127.4246

Harmonies

Analogous

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



221.1200, 7.8288, -37.8162



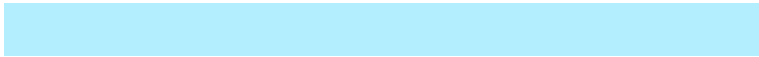
222.2970, 16.1226, -37.9715



223.8470, 15.3584, -26.1758

Triad

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



222.2970, 16.1226, -37.9715



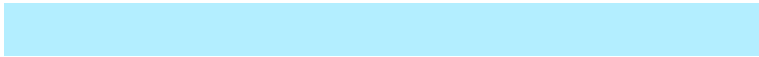
230.3970, 4.7343, 21.5768



226.7500, -17.6247, 6.3582

Complementary

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



222.2970, 16.1226, -37.9715



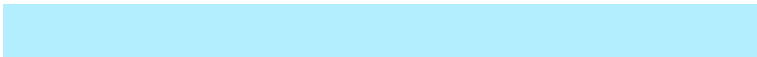
211.7030, -16.1226, 37.9715

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.



229.2080, -18.8365, 21.7426



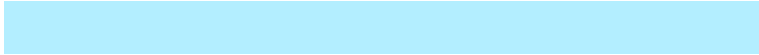
222.2970, 16.1226, -37.9715



227.5300, -3.7123, 24.0912

Square

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



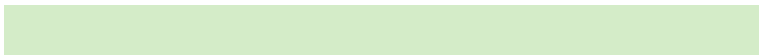
222.2970, 16.1226, -37.9715



231.4540, 11.6082, 10.1258



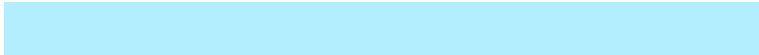
227.2390, -12.4428, 24.3464



224.7200, -12.1870, -11.1554

Rectangle

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



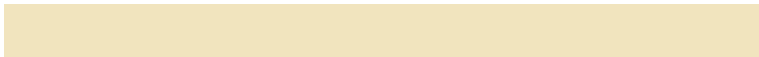
222.2970, 16.1226, -37.9715



226.2830, 14.1575, -14.2802



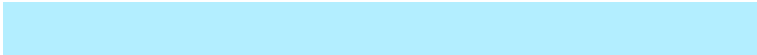
227.2390, -12.4428, 24.3464



227.5550, -18.5146, 11.7913

Sweetspot

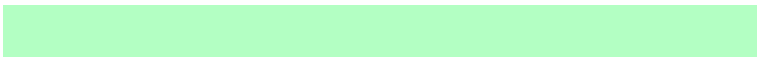
The Sweet Spot groups the original color and five complimentary colors.



222.2970, 16.1226, -37.9715



245.1880, 4.8373, -11.5659



225.4360, -15.0049, -40.7244



121.1670, 3.3687, -7.1625



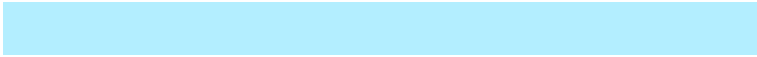
0.0000, 0.0000, 0.0000



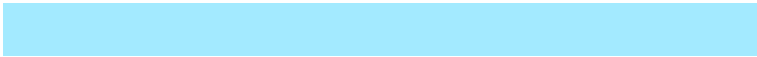
128.0000, 0.0000, 0.0000

Same Dimension

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



222.2970, 16.1226, -37.9715



215.1650, 19.6387, -45.7487



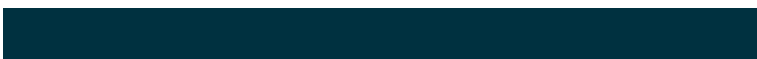
200.5780, 26.8300, -18.9239



122.3520, 2.7845, -6.4477



108.6500, 40.5986, -95.2860



36.0590, 13.7749, -31.6237

Inverse Universe

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



208.4500, 14.5682, 40.8244



198.6020, 17.4512, 49.4610



233.4220, -26.8300, 18.9239



120.0270, 2.4517, 6.9923



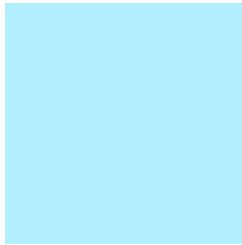
73.9810, 36.4914, 102.6257



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 222.2970, 16.1226, -37.9715 looks on a white background.

Color Contrast Check

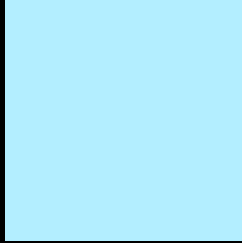
Large Text (above 18pt) WCAG AA × Fail

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 222.2970, 16.1226, -37.9715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

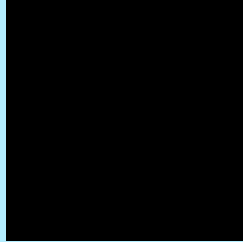
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.2970, 16.1226, -37.9715

Background



This preview shows how black text looks on a background with the YUV color 222.2970, 16.1226, -37.9715.



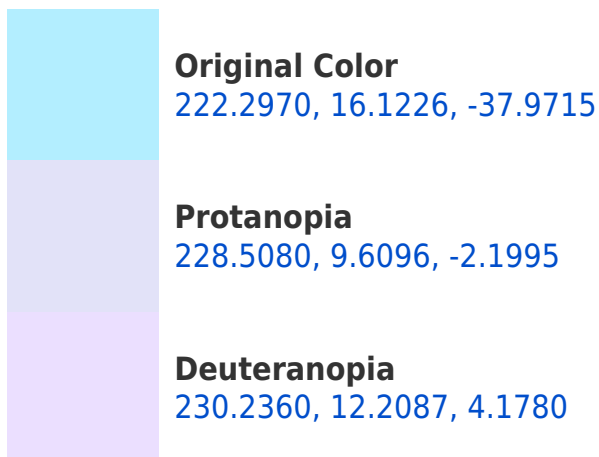
This preview shows how white text looks on a background with the YUV color 222.2970, 16.1226, -37.9715.

-37.9715.

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

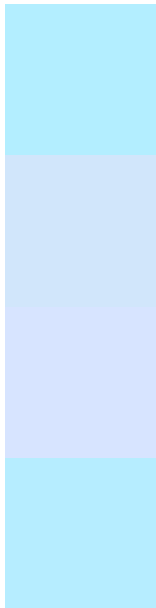




Tritanopia

222.9060, 15.8223, -34.9976

Trichromacy



Original Color

222.2970, 16.1226, -37.9715

Protanomaly

226.1150, 12.2683, -15.0099

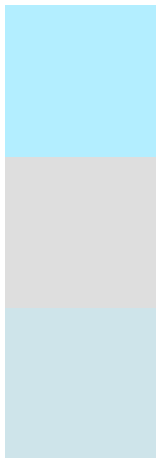
Deuteranomaly

227.1910, 13.7098, -10.6915

Tritanomaly

222.6070, 15.9697, -35.6123

Monochromacy



Original Color

222.2970, 16.1226, -37.9715

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.1060, 5.8637, -14.1250

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.2970, 16.1226, -37.9715 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(179, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 238, 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(179, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 238, 255) }
```

Border

The CSS property to change the border of an element to YUV 222.2970, 16.1226, -37.9715 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(179, 238, 255) }
```


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

```
.border{ border-color:rgb(179, 238, 255) }
```

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

Here you see how a box with a 4 pixel rgb(179, 238, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 238,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 222.2970, 16.1226, -37.9715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 238, 255) }
```

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

```
.background{ background-color: rgb(179,  
238, 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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