

Converting Colors

YUV(174.0770, 30.0350,
-20.2385)

Have a look what the booklet for
YUV(174.0770, 30.0350, -20.2385)
contains.

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Color

**YUV(174.0770, 30.0350,
-20.2385)**

Conversions

Conversions Part 1

Format	Color
Hex	97AEEB
RGB	151, 174, 235
RGB Percent	59%, 68%, 92%
CMY	0.4078, 0.3176, 0.0784
CMYK	0.36, 0.26, 0.00, 0.08
HSL	224°, 68%, 76%
HSV	224°, 36%, 92%
XYZ	42.8939, 42.8496, 84.6073
YIQ	174.0770, -33.2890, 14.0950

Conversions

Conversions Part 2

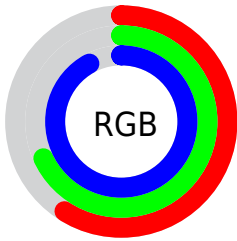
Format	Color
RYB	151, 169, 235
Decimal	9940715
CIELab	71.45, 6.57, -33.09
CIELCh	71, 33.736, 281.229
Yxy	42.8496, 0.2518, 0.2515
Android (android.graphics.Color)	4288130795 (0xFF97AEEB)
YUV	174.0770, 30.0350, -20.2385
Hunter-Lab	65.4596, 2.4121, -30.8113

Details

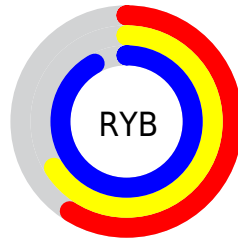
The YUV color $174.0770, 30.0350, -20.2385$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $211.9230, -30.0350, 20.2385$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.3860, 14.5997, -16.1245$, and $121.0230, 28.5827, -21.0682$ is the 20% darker color. If you saturate the color by 10%, you get $157.2210, 38.3450, -25.6268$, and if you desaturate by 10%, it is $191.2320, 21.5776, -14.2355$.

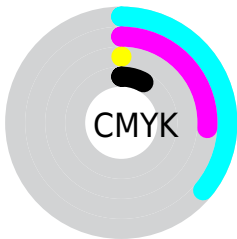
Distribution



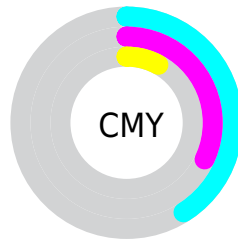
- Red (59%)
- Green (68%)
- Blue (92%)



- Red (59%)
- Yellow (66%)
- Blue (92%)



- Cyan (36%)
- Magenta (26%)
- Yellow (0%)
- Black (8%)



- Cyan (41%)
- Magenta (32%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.0770, 30.0350, -20.2385 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 174.0770, 30.0350, -20.2385 by changing the saturation by 10% instead.

■ 174.0770, 30.0350,
-20.2385

■ 174.0770, 30.0350,
-20.2385

255.0000, 0.0000,
0.0000

■ 146.9630, 29.5982,
-20.1386

■ 225.3860, 14.5997,
-16.1245

■ 121.0230, 28.5827,
-21.0682

■ 249.3190, 2.8007,
-11.6808

■ 95.1970, 28.0039,
-22.0978

■ 70.3600, 27.4305,
-24.8717

■ 43.2450, 28.4732,
-32.6639

■ 26.8610, 24.2255,
-23.5571

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 174.0770, 30.0350,
-20.2385

■ 174.0770, 30.0350,
-20.2385

■ 157.2210, 38.3450,
-25.6268

■ 191.2320, 21.5776,
-14.2355

■ 140.0660, 46.8025,
-31.6299

■ 208.0880, 13.2676,
-8.8472

■ 123.2100, 55.1125,
-37.0182

■ 225.2430, 4.8102,
-2.8441

■ 106.0550, 63.5699,
-43.0212

■ 242.0990, -3.4998,
2.5442

■ 88.9000, 72.0273,
-49.0243

■ 252.7200, -8.7360,
1.9996

■ 72.0440, 80.3373,
-54.4126

■ 64.3580, 84.1265,
-56.4420

Harmonies

Analogous

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



165.3670, 33.3431, -54.6959



174.0770, 30.0350, -20.2385



178.8810, 20.7647, 13.2594

Triad

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



174.0770, 30.0350, -20.2385



176.7320, -20.0809, 47.5930



163.1720, -4.5218, -43.1238

Complementary

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



174.0770, 30.0350, -20.2385



211.9230, -30.0350, 20.2385

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.



168.3360, -19.8856, -15.2037



174.0770, 30.0350, -20.2385



174.4670, -28.3312, 33.7934

Square

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



174.0770, 30.0350, -20.2385



178.4840, -7.1406, 50.4415



172.2100, -28.6975, 11.2168



157.5290, 14.0362, -68.8699

Rectangle

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



174.0770, 30.0350, -20.2385



179.8140, 12.4167, 30.8581



172.2100, -28.6975, 11.2168



165.0330, -10.3693, -34.2319

Sweetspot

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



174.0770, 30.0350, -20.2385



234.8880, 9.9152, -6.9178



207.1480, 1.8990, -49.2418



115.2860, 6.2680, -3.7588



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.



174.0770, 30.0350, -20.2385



175.1500, 39.3661, -26.4415



165.9580, 34.0377, 2.6678



109.0150, 3.9366, -2.6442



49.9840, 64.5909, -43.8360



14.9610, 19.2462, -13.1208

Inverse Universe

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



178.7380, -2.3358, 49.3418



181.3100, -3.1108, 64.6261



220.0420, -34.0377, -2.6678



109.6310, -0.3111, 6.4626



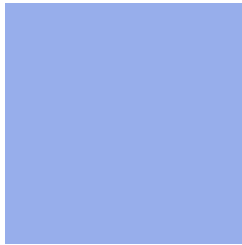
59.8190, -4.8408, 106.2757



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 174.0770, 30.0350, -20.2385 looks on a white background.

Color Contrast Check

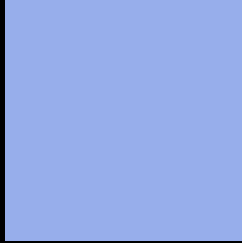
Large Text (above 18pt) WCAG AA × Fail

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 174.0770, 30.0350, -20.2385 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 174.0770, 30.0350, -20.2385

Background



This preview shows how black text looks on a background with the YUV color 174.0770, 30.0350, -20.2385.



This preview shows how white text looks on a background with the YUV color 174.0770, 30.0350, -20.2385.

-20.2385.

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

174.0770, 30.0350, -20.2385

Protanopia

174.5830, 29.2926, -15.4203

Deuteranopia

174.9960, 29.5820, -14.9055



Tritanopia

171.0490, 12.3008, -25.4760

Trichromacy



Original Color

174.0770, 30.0350, -20.2385

Protanomaly

174.5720, 29.2980, -17.1646

Deuteranomaly

174.6860, 29.7348, -17.2646

Tritanomaly

171.7810, 18.8420, -23.4869

Monochromacy



Original Color

174.0770, 30.0350, -20.2385

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1160, 10.7888, -7.1177

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.0770, 30.0350, -20.2385 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(151, 174, 235)` looks like.

```
.text, #text, p{  
    color:rgb(151, 174, 235)  
}
```

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(151, 174, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 174, 235) }
```

Border

The CSS property to change the border of an element to YUV 174.0770, 30.0350, -20.2385 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(151, 174, 235) }
```


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

```
.border{ border-color:rgb(151, 174, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 174, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 174, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 174, 235);  
box-shadow:4px 4px 4px 4px rgb(151, 174,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 174.0770, 30.0350, -20.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 174, 235) }
```

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

```
.background{ background-color: rgb(151,  
174, 235) }
```

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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