

Converting Colors

YUV(174.1500, 22.6040,
-16.7946)

Have a look what the booklet for
YUV(174.1500, 22.6040, -16.7946)
contains.

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Color

**YUV(174.1500, 22.6040,
-16.7946)**

Conversions

Conversions Part 1

Format	Color
Hex	9BAFDC
RGB	155, 175, 220
RGB Percent	61%, 69%, 86%
CMY	0.3922, 0.3137, 0.1373
CMYK	0.30, 0.20, 0.00, 0.14
HSL	222°, 48%, 74%
HSV	222°, 30%, 86%
XYZ	41.7658, 42.7958, 73.7693
YIQ	174.1500, -26.3650, 9.7550

Conversions

Conversions Part 2

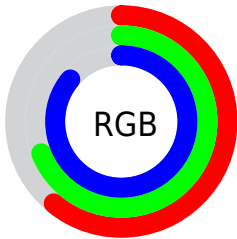
Format	Color
R _Y B	155, 170, 220
Decimal	10203100
CIE Lab	71.42, 3.34, -24.94
CIE LCh	71, 25.163, 277.616
Yxy	42.7958, 0.2638, 0.2703
Android (android.graphics.Color)	4288393180 (0xFF9BAFDC)
YUV	174.1500, 22.6040, -16.7946
Hunter-Lab	65.4185, -0.5208, -21.0655

Details

The YUV color $174.1500, 22.6040, -16.7946$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $200.8500, -22.6041, 16.7945$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.1690, 13.7207, -14.1802$, and $121.5090, 21.4411, -17.1094$ is the 20% darker color. If you saturate the color by 10%, you get $158.7670, 30.1879, -22.5977$, and if you desaturate by 10%, it is $189.5330, 15.0202, -10.9914$.

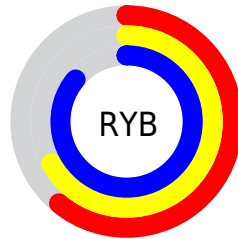
Distribution



Red (61%)

Green (69%)

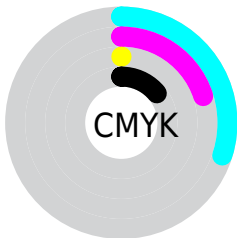
Blue (86%)



Red (61%)

Yellow (67%)

Blue (86%)

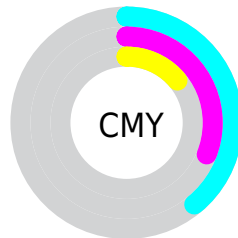


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (39%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1500, 22.6040, -16.7946 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 174.1500, 22.6040, -16.7946 by changing the saturation by 10% instead.

■ 174.1500, 22.6040,
-16.7946

■ 174.1500, 22.6040,
-16.7946

255.0000, 0.0000,
0.0000

■ 147.0360, 22.1673,
-16.6946

■ 227.1690, 13.7207,
-14.1802

■ 121.5090, 21.4411,
-17.1094

■ 250.2160, 2.3585,
-9.8364

■ 95.9820, 20.7149,
-17.5242

■ 71.5690, 20.4255,
-18.0390

■ 48.0310, 19.7047,
-20.1982

■ 25.6070, 19.4207,
-22.4573

■ 7.8370, 17.3354,

-6.8730

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 174.1500, 22.6040,
-16.7946

■ 174.1500, 22.6040,
-16.7946

■ 158.7670, 30.1879,
-22.5977

■ 189.5330, 15.0202,
-10.9914

■ 143.3840, 37.7717,
-28.4008

■ 204.9160, 7.4364,
-5.1883

■ 127.4140, 45.6449,
-33.6891

■ 220.8860, -0.4368,
0.1000

■ 112.0310, 53.2287,
-39.4922

■ 236.2690, -8.0206,
5.9031

■ 96.6480, 60.8125,
-45.2953

■ 248.6620,
-14.1304, 5.5584

■ 81.2650, 68.3964,
-51.0984

■ 251.0100,
-15.2879, 3.4992

■ 65.2950, 76.2696,
-56.3867

■ 64.9960, 76.4170,
-57.0015

Harmonies

Analogous

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



168.9470, 23.6901, -38.5415



174.1500, 22.6040, -16.7946



177.6970, 16.4184, 7.2817

Triad

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



174.1500, 22.6040, -16.7946



177.1590, -14.3754, 37.5716



167.1460, -5.0020, -29.0690

Complementary

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



174.1500, 22.6040, -16.7946



200.8500, -22.6041, 16.7945

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.



170.4060, -15.9762, -9.1261



174.1500, 22.6040, -16.7946



175.6710, -21.0368, 27.4755

Square

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



174.1500, 22.6040, -16.7946



178.2050, -4.0451, 37.5312



173.0450, -21.7142, 11.3615



164.9620, 7.4137, -44.6937

Rectangle

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



174.1500, 22.6040, -16.7946



178.5910, 10.5546, 21.4067



173.0450, -21.7142, 11.3615



168.4520, -9.0968, -22.3214

Sweetspot

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



174.1500, 22.6040, -16.7946



238.7310, 8.0206, -5.9031



198.1710, 0.4087, -37.8610



117.6450, 5.1050, -4.0737



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.



174.1500, 22.6040, -16.7946



191.9950, 31.0615, -22.7976



165.9980, 26.6230, 0.8788



102.0150, 3.9366, -2.6442



50.8330, 60.2283, -44.5805



13.4620, 16.0412, -11.8062

Inverse Universe

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



176.7150, -0.8455, 37.9609



195.6890, -1.3257, 52.0157



209.0020, -26.6230, -0.8788



102.6310, -0.3111, 6.4626



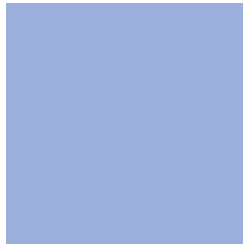
57.7690, -2.3511, 101.0576



15.3500, -0.6655, 26.8800

Previews

White Background



This preview shows how the YUV color 174.1500, 22.6040, -16.7946 looks on a white background.

Color Contrast Check

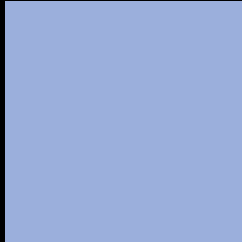
Large Text (above 18pt) WCAG AA × Fail

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 174.1500, 22.6040, -16.7946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

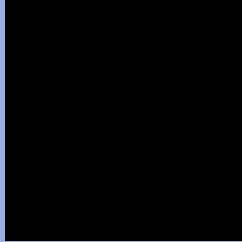
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

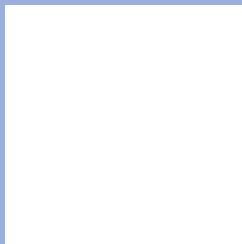
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 174.1500, 22.6040, -16.7946

Background



This preview shows how black text looks on a background with the YUV color 174.1500, 22.6040, -16.7946.



This preview shows how white text looks on a background with the YUV color 174.1500, 22.6040, -16.7946.

-16.7946.

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

174.1500, 22.6040, -16.7946

Protanopia

175.4390, 20.9826, -10.0320

Deuteranopia

175.8030, 22.2821, -6.8432



Tritanopia

172.3270, 10.6848, -20.4578

Trichromacy



Original Color

174.1500, 22.6040, -16.7946

Protanomaly

175.2430, 21.5722, -12.4911

Deuteranomaly

174.8950, 22.7298, -10.4319

Tritanomaly

172.7770, 14.8999, -19.0984

Monochromacy



Original Color

174.1500, 22.6040, -16.7946

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8450, 8.4574, -6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1500, 22.6040, -16.7946 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(155, 175, 220)` looks like.

```
.text, #text, p{  
    color:rgb(155, 175, 220)  
}
```

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(155, 175, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 175, 220) }
```

Border

The CSS property to change the border of an element to YUV 174.1500, 22.6040, -16.7946 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(155, 175, 220) }
```


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

```
.border{ border-color:rgb(155, 175, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 175, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 175, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 175, 220);  
box-shadow:4px 4px 4px 4px rgb(155, 175,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 174.1500, 22.6040, -16.7946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 175, 220) }
```

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

```
.background{ background-color: rgb(155,  
175, 220) }
```

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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