

Converting Colors

YUV(174.9700, 25.6508,
-14.0057)

Have a look what the booklet for
YUV(174.9700, 25.6508, -14.0057)
contains.

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Color

**YUV(174.9700, 25.6508,
-14.0057)**

Conversions

Conversions Part 1

Format	Color
Hex	9FADE3
RGB	159, 173, 227
RGB Percent	62%, 68%, 89%
CMY	0.3765, 0.3216, 0.1098
CMYK	0.30, 0.24, 0.00, 0.11
HSL	228°, 55%, 76%
HSV	228°, 30%, 89%
XYZ	43.1068, 42.8041, 78.6631
YIQ	174.9700, -25.6780, 13.8260

Conversions

Conversions Part 2

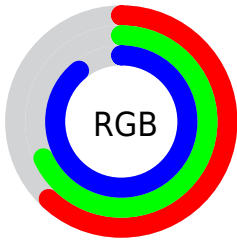
Format	Color
R _Y B	159, 171, 227
Decimal	10464739
CIE Lab	71.42, 7.34, -28.73
CIE LCh	71, 29.654, 284.323
Yxy	42.8041, 0.2619, 0.2601
Android (android.graphics.Color)	4288654819 (0xFF9FADE3)
YUV	174.9700, 25.6508, -14.0057
Hunter-Lab	65.4249, 3.1156, -25.4895

Details

The YUV color $174.9700, 25.6508, -14.0057$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $211.0300, -25.6508, 14.0057$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.1910, 13.7098, -10.6915$, and $122.2150, 24.0510, -14.2206$ is the 20% darker color. If you saturate the color by 10%, you get $157.5270, 34.2502, -18.8792$, and if you desaturate by 10%, it is $192.4130, 17.0514, -9.1322$.

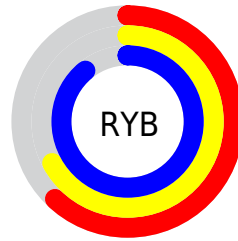
Distribution



Red (62%)

Green (68%)

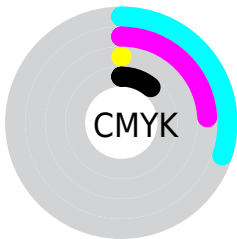
Blue (89%)



Red (62%)

Yellow (67%)

Blue (89%)

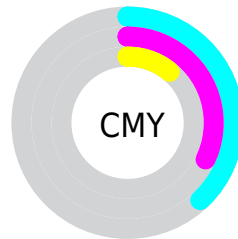


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.9700, 25.6508, -14.0057 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 174.9700, 25.6508, -14.0057 by changing the saturation by 10% instead.

■ 174.9700, 25.6508,
-14.0057

■ 174.9700, 25.6508,
-14.0057

255.0000, 0.0000,
0.0000

■ 147.8560, 25.2140,
-13.9057

■ 227.1910, 13.7098,
-10.6915

■ 122.2150, 24.0510,
-14.2206

■ 251.7110, 1.6215,
-6.7625

■ 96.8020, 23.7616,
-14.7354

■ 72.5630, 22.8934,
-16.2798

■ 48.4380, 22.4621,
-17.9241

■ 25.5900, 21.8941,
-22.4424

■ 7.2330, 20.0981,

-6.3433

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 174.9700, 25.6508,
-14.0057

■ 174.9700, 25.6508,
-14.0057

■ 157.5270, 34.2502,
-18.8792

■ 192.4130, 17.0514,
-9.1322

■ 140.3830, 42.7022,
-23.1379

■ 209.5570, 8.5994,
-4.8735

■ 122.9400, 51.3016,
-28.0114

■ 227.0000, 0.0000,
0.0000

■ 105.4970, 59.9010,
-32.8849

■ 244.4430, -8.5994,
4.8735

■ 88.3530, 68.3530,
-37.1436

■ 251.8080,
-12.2303, 2.7994

■ 70.9100, 76.9524,
-42.0171

■ 53.4670, 85.5518,
-46.8906

Harmonies

Analogous

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



168.4780, 28.3583, -42.5152



174.9700, 25.6508, -14.0057



178.9690, 17.2703, 14.0592

Triad

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



174.9700, 25.6508, -14.0057



176.6280, -19.0436, 41.5452



164.6500, -2.7855, -40.0351

Complementary

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



174.9700, 25.6508, -14.0057



211.0300, -25.6508, 14.0057

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.



169.2480, -16.3913, -16.0035



174.9700, 25.6508, -14.0057



174.5310, -25.4048, 28.4753

Square

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



174.9700, 25.6508, -14.0057



178.0380, -7.4137, 44.6937



171.9260, -24.6135, 7.9579



161.2530, 12.6933, -58.1039

Rectangle

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



174.9700, 25.6508, -14.0057



179.1190, 9.8013, 29.7136



171.9260, -24.6135, 7.9579



166.4400, -7.6119, -31.9579

Sweetspot

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



174.9700, 25.6508, -14.0057



237.5570, 8.5994, -4.8735



204.9580, 3.4717, -40.3052



116.4710, 5.6838, -3.0441



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.



174.9700, 25.6508, -14.0057



184.6410, 34.6870, -18.9792



172.4330, 26.9015, 4.8823



106.1290, 4.3734, -2.7441



42.1250, 67.4794, -36.9436



12.2710, 19.0934, -10.7617

Inverse Universe

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



180.9280, -3.9085, 40.4051



192.6740, -5.2623, 54.6599



213.5670, -26.9015, -4.8823



106.9300, -0.4585, 7.0774



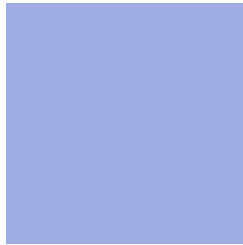
57.7390, -10.2243, 106.3459



16.5030, -2.7130, 30.2539

Previews

White Background



This preview shows how the YUV color 174.9700, 25.6508, -14.0057 looks on a white background.

Color Contrast Check

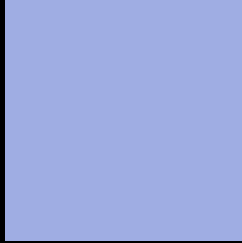
Large Text (above 18pt) WCAG AA × Fail

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 174.9700, 25.6508, -14.0057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

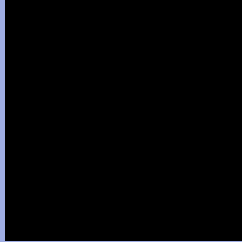
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.9700, 25.6508, -14.0057

Background



This preview shows how black text looks on a background with the YUV color 174.9700, 25.6508, -14.0057.



This preview shows how white text looks on a background with the YUV color 174.9700, 25.6508, -14.0057.

-14.0057.

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

174.9700, 25.6508, -14.0057

Protanopia

175.2690, 25.5034, -13.3909

Deuteranopia

175.5790, 25.3506, -11.0318



Tritanopia

172.5230, 10.0952, -17.9987

Trichromacy



Original Color

174.9700, 25.6508, -14.0057

Protanomaly

175.2690, 25.5034, -13.3909

Deuteranomaly

175.2800, 25.4980, -11.6466

Tritanomaly

173.6140, 15.4733, -16.3245

Monochromacy



Original Color

174.9700, 25.6508, -14.0057

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.7850, 9.4730, -5.0734

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.9700, 25.6508, -14.0057 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(159, 173, 227)` looks like.

```
.text, #text, p{  
    color:rgb(159, 173, 227)  
}
```

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(159, 173, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 173, 227) }
```

Border

The CSS property to change the border of an element to YUV 174.9700, 25.6508, -14.0057 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(159, 173, 227) }
```


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

```
.border{ border-color:rgb(159, 173, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 173, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 173, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 173, 227);  
box-shadow:4px 4px 4px 4px rgb(159, 173,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 174.9700, 25.6508, -14.0057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 173, 227) }
```

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

```
.background{ background-color: rgb(159,  
173, 227) }
```

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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