

Converting Colors

YUV(174.1240, 35.4349,
-25.5417)

Have a look what the booklet for
YUV(174.1240, 35.4349, -25.5417)
contains.

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Color

**YUV(174.1240, 35.4349,
-25.5417)**

Conversions

Conversions Part 1

Format	Color
Hex	91AFF6
RGB	145, 175, 246
RGB Percent	57%, 69%, 96%
CMY	0.4314, 0.3137, 0.0353
CMYK	0.41, 0.29, 0.00, 0.04
HSL	222°, 85%, 77%
HSV	222°, 41%, 96%
XYZ	43.6416, 43.3335, 93.2528
YIQ	174.1240, -40.6710, 15.7210

Conversions

Conversions Part 2

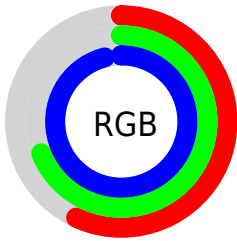
Format	Color
RYB	145, 168, 246
Decimal	9547766
CIELab	71.78, 7.37, -38.59
CIElCh	72, 39.283, 280.815
Yxy	43.3335, 0.2421, 0.2404
Android (android.graphics.Color)	4287737846 (0xFF91AFF6)
YUV	174.1240, 35.4349, -25.5417
Hunter-Lab	65.8282, 3.1394, -37.9110

Details

The YUV color $174.1240, 35.4349, -25.5417$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $216.8760, -35.4349, 25.5417$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.4780, 15.0473, -19.7132$, and $120.3580, 33.8405, -27.5010$ is the 20% darker color. If you saturate the color by 10%, you get $156.6700, 44.0397, -32.1596$, and if you desaturate by 10%, it is $191.5780, 26.8300, -18.9239$.

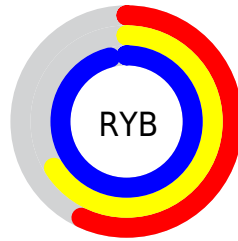
Distribution



Red (57%)

Green (69%)

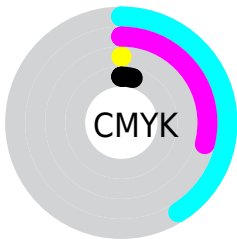
Blue (96%)



Red (57%)

Yellow (66%)

Blue (96%)

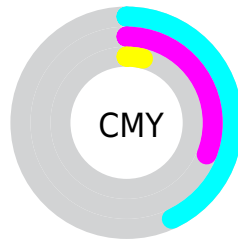


Cyan (41%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (43%)

Magenta (31%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1240, 35.4349, -25.5417 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 174.1240, 35.4349, -25.5417 by changing the saturation by 10% instead.

■ 174.1240, 35.4349,
-25.5417

■ 174.1240, 35.4349,
-25.5417

255.0000, 0.0000,
0.0000

■ 146.5970, 34.7087,
-25.9566

■ 224.4780, 15.0473,
-19.7132

■ 120.3580, 33.8405,
-27.5010

■ 247.8240, 3.5378,
-14.7546

■ 94.2330, 33.4091,
-29.1453

■ 67.9010, 33.5728,
-34.9932

■ 43.0640, 32.9994,
-37.7671

■ 28.4740, 27.8673,
-24.9717

■ 11.1770, 25.0557,

-9.8022

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 174.1240, 35.4349,
-25.5417

■ 174.1240, 35.4349,
-25.5417

■ 156.6700, 44.0397,
-32.1596

■ 191.5780, 26.8300,
-18.9239

■ 138.9280, 52.7865,
-37.6479

■ 209.3200, 18.0832,
-13.4356

■ 121.4740, 61.3913,
-44.2657

■ 226.7740, 9.4784,
-6.8178

■ 104.3190, 69.8487,
-50.2688

■ 243.9290, 1.0210,
-0.8147

■ 86.8650, 78.4536,
-56.8866

■ 253.9740, -3.9312,
0.8998

■ 70.8950, 86.3268,
-62.1749

Harmonies

Analogous

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



161.1030, 40.3752, -70.2503



174.1240, 35.4349, -25.5417



180.2170, 24.5430, 14.7187

Triad

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



174.1240, 35.4349, -25.5417



177.0920, -22.7234, 55.1703



161.0030, -4.9315, -51.7456

Complementary

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



174.1240, 35.4349, -25.5417



216.8760, -35.4349, 25.5417

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.



167.4020, -23.3692, -17.8926



174.1240, 35.4349, -25.5417



175.3490, -32.7101, 38.2819

Square

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



174.1240, 35.4349, -25.5417



179.1260, -7.4571, 58.6485



172.2550, -33.6497, 12.9314



150.2490, 18.6112, -89.6724

Rectangle

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



174.1240, 35.4349, -25.5417



180.8300, 14.8738, 36.1061



172.2550, -33.6497, 12.9314



163.9460, -11.8054, -40.2946

Sweetspot

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



174.1240, 35.4349, -25.5417



232.8170, 10.9362, -7.7325



212.3810, 1.7842, -59.0931



114.9870, 6.4154, -4.3736



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.



174.1240, 35.4349, -25.5417



165.9690, 43.8923, -31.5448



162.4940, 41.1685, 2.1978



113.7160, 4.0840, -3.2589



53.4890, 65.3279, -46.9099



16.7050, 20.8514, -14.6503

Inverse Universe

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



178.6190, -1.7842, 59.0931



171.5930, -2.2643, 73.1479



228.5060, -41.1685, -2.1978



114.0440, -0.0217, 6.9774



61.8840, -3.3938, 108.8497



19.5790, -1.2714, 34.5722

Previews

White Background



This preview shows how the YUV color 174.1240, 35.4349, -25.5417 looks on a white background.

Color Contrast Check

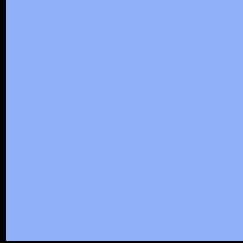
Large Text (above 18pt) WCAG AA × Fail

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 174.1240, 35.4349, -25.5417 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

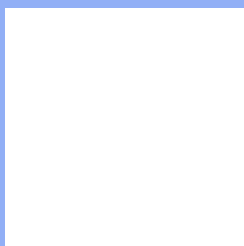
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 174.1240, 35.4349, -25.5417

Background



This preview shows how black text looks on a background with the YUV color 174.1240, 35.4349, -25.5417.



This preview shows how white text looks on a background with the YUV color 174.1240, 35.4349, -25.5417.

-25.5417.

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

174.1240, 35.4349, -25.5417

Protanopia

175.4130, 33.8134, -18.7792

Deuteranopia

175.3310, 34.8398, -21.3383



Tritanopia

170.4610, 14.0697, -32.8533

Trichromacy



Original Color

174.1240, 35.4349, -25.5417

Protanomaly

175.2170, 34.4030, -21.2383

Deuteranomaly

174.7330, 35.1346, -22.5678

Tritanomaly

171.8340, 21.7738, -30.5494

Monochromacy



Original Color

174.1240, 35.4349, -25.5417

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.6750, 12.9782, -9.3620

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1240, 35.4349, -25.5417 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(145, 175, 246)` looks like.

```
.text, #text, p{  
    color:rgb(145, 175, 246)  
}
```

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(145, 175, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 175, 246) }
```

Border

The CSS property to change the border of an element to YUV 174.1240, 35.4349, -25.5417 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(145, 175, 246) }
```


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

```
.border{ border-color:rgb(145, 175, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 175, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 175, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 175, 246);  
box-shadow:4px 4px 4px 4px rgb(145, 175,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 174.1240, 35.4349, -25.5417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 175, 246) }
```

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

```
.background{ background-color: rgb(145,  
175, 246) }
```

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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