

Converting Colors

YUV(174.3540, 33.3495,
-9.9575)

Have a look what the booklet for
YUV(174.3540, 33.3495, -9.9575)
contains.

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Color

**YUV(174.3540, 33.3495,
-9.9575)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A7F2
RGB	163, 167, 242
RGB Percent	64%, 65%, 95%
CMY	0.3608, 0.3451, 0.0510
CMYK	0.33, 0.31, 0.00, 0.05
HSL	237°, 75%, 79%
HSV	237°, 33%, 95%
XYZ	44.9500, 41.8348, 89.7102
YIQ	174.3540, -26.4590, 22.4770

Conversions

Conversions Part 2

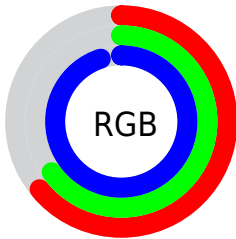
Format	Color
RYB	163, 167, 242
Decimal	10725362
CIELab	70.76, 15.60, -37.91
CIELCh	71, 40.999, 292.367
Yxy	41.8348, 0.2547, 0.2370
Android (android.graphics.Color)	4288915442 (0xFFA3A7F2)
YUV	174.3540, 33.3495, -9.9575
Hunter-Lab	64.6798, 10.8610, -36.9587

Details

The YUV color **174.3540, 33.3495, -9.9575** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **230.6460, -33.3495, 9.9575**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1640, 14.7091, -4.5288**, and **121.3000, 31.8971, -10.7871** is the 20% darker color. If you saturate the color by 10%, you get **153.6770, 43.5432, -12.8717**, and if you desaturate by 10%, it is **195.0310, 23.1557, -7.0432**.

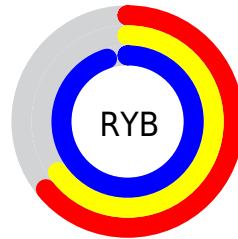
Distribution



Red (64%)

Green (65%)

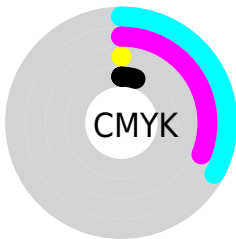
Blue (95%)



Red (64%)

Yellow (65%)

Blue (95%)

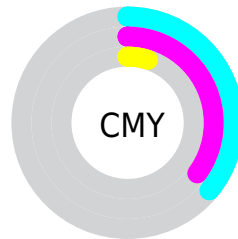


Cyan (33%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (36%)

Magenta (35%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.3540, 33.3495, -9.9575 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 174.3540, 33.3495, -9.9575 by changing the saturation by 10% instead.

■ 174.3540, 33.3495,
-9.9575

■ 174.3540, 33.3495,
-9.9575

255.0000, 0.0000,
0.0000

■ 147.7130, 32.1865,
-10.2723

■ 225.1640, 14.7091,
-4.5288

■ 121.3000, 31.8971,
-10.7871

■ 250.8580, 2.0420,
-1.6295

■ 95.9470, 30.5921,
-12.2315

■ 70.8220, 30.1608,
-13.8759

■ 46.2730, 29.4454,
-17.7794

■ 24.0230, 28.5827,
-21.0682

■ 6.6120, 25.3343,

-5.7987

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 174.3540, 33.3495,
-9.9575

■ 174.3540, 33.3495,
-9.9575

■ 153.6770, 43.5432,
-12.8717

■ 195.0310, 23.1557,
-7.0432

■ 133.0000, 53.7370,
-15.7860

■ 215.7080, 12.9620,
-4.1289

■ 112.0240, 64.0782,
-19.3150

■ 236.6840, 2.6208,
-0.5999

■ 91.3470, 74.2719,
-22.2293

■ 253.5180, -5.6784,
1.2997

■ 70.6700, 84.4657,
-25.1436

■ 49.9930, 94.6595,
-28.0579

■ 34.6320, 102.2324,
-30.3723

Harmonies

Analogous

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



163.1200, 41.3528, -57.1102



174.3540, 33.3495, -9.9575



177.8660, 20.2791, 29.0585

Triad

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



174.3540, 33.3495, -9.9575



173.7620, -28.9697, 51.9517



152.9990, 4.4375, -70.1591

Complementary

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



174.3540, 33.3495, -9.9575



230.6460, -33.3495, 9.9575

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.



162.3940, -17.9422, -31.9175



174.3540, 33.3495, -9.9575



171.4960, -35.7405, 30.2600

Square

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



174.3540, 33.3495, -9.9575



175.1280, -13.8671, 61.2777



167.3460, -31.7226, 1.4506



136.0910, 31.5071, -119.3518

Rectangle

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



174.3540, 33.3495, -9.9575



178.1150, 9.3103, 47.2571



167.3460, -31.7226, 1.4506



156.6110, -3.7522, -56.6638

Sweetspot

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



174.3540, 33.3495, -9.9575



233.4370, 10.6306, -3.0142



217.8090, 9.4612, -48.0675



114.4110, 6.6994, -2.1144



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.



174.3540, 33.3495, -9.9575



170.2210, 41.7960, -12.4718



182.1720, 29.4952, 13.0042



109.3680, 5.2416, -1.1997



26.2590, 77.7663, -23.0291



8.1450, 23.5925, -7.1432

Inverse Universe

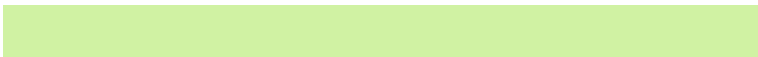
The Inverse Universe completely reimagines the original color for something new.



187.0770, -9.8980, 48.1675



186.1710, -12.4093, 60.3630



222.8280, -29.4952, -13.0042



111.5880, -1.7689, 7.3773



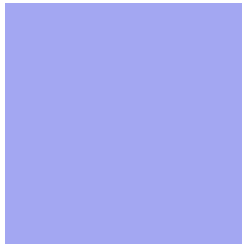
56.0420, -23.1917, 112.2192



17.0860, -6.9444, 34.1276

Previews

White Background



This preview shows how the YUV color 174.3540, 33.3495, -9.9575 looks on a white background.

Color Contrast Check

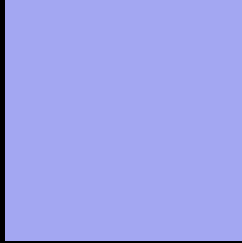
Large Text (above 18pt) WCAG AA × Fail

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 174.3540, 33.3495, -9.9575 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 174.3540, 33.3495, -9.9575

Background



This preview shows how black text looks on a background with the YUV color 174.3540, 33.3495, -9.9575.



This preview shows how white text looks on a background with the YUV color 174.3540, 33.3495, -9.9575.

-9.9575.

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

174.3540, 33.3495, -9.9575

Protanopia

172.5700, 35.7080, -19.7939

Deuteranopia

172.7010, 33.6714, -19.9088



Tritanopia

171.1210, 9.8003, -16.7691

Trichromacy



Original Color

174.3540, 33.3495, -9.9575

Protanomaly

173.3640, 34.8235, -16.1052

Deuteranomaly

173.6090, 33.2238, -16.3201

Tritanomaly

172.1350, 18.6674, -14.1504

Monochromacy



Original Color

174.3540, 33.3495, -9.9575

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8930, 12.3778, -3.4142

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3540, 33.3495, -9.9575 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(163, 167, 242)` looks like.

```
.text, #text, p{  
    color:rgb(163, 167, 242)  
}
```

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(163, 167, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 167, 242) }
```

Border

The CSS property to change the border of an element to YUV 174.3540, 33.3495, -9.9575 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(163, 167, 242) }
```


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

```
.border{ border-color:rgb(163, 167, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 167, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 167, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 167, 242);  
box-shadow:4px 4px 4px 4px rgb(163, 167,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 174.3540, 33.3495, -9.9575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 167, 242) }
```

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

```
.background{ background-color: rgb(163,  
167, 242) }
```

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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