

Converting Colors

YUV(173.9250, 34.0540,
-2.5652)

Have a look what the booklet for
YUV(173.9250, 34.0540, -2.5652)
contains.

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Color

**YUV(173.9250, 34.0540,
-2.5652)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ABA2F3 |
| RGB | 171, 162, 243 |
| RGB Percent | 67%, 64%, 95% |
| CMY | 0.3294, 0.3647, 0.0471 |
| CMYK | 0.30, 0.33, 0.00, 0.05 |
| HSL | 247°, 77%, 79% |
| HSV | 247°, 33%, 95% |
| XYZ | 45.8926, 40.9697, 90.2832 |
| YIQ | 173.9250, -20.6370, 27.0990 |

Conversions

Conversions Part 2

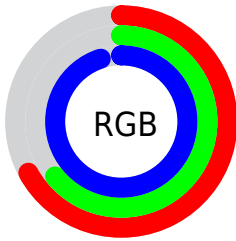
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 171, 162, 243 |
| Decimal | 11248371 |
| CIE Lab | 70.15, 20.90, -39.35 |
| CIE LCh | 70, 44.558, 297.975 |
| Yxy | 40.9697, 0.2591, 0.2313 |
| Android (android.graphics.Color) | 4289438451 (0xFFABA2F3) |
| YUV | 173.9250, 34.0540, -2.5652 |
| Hunter-Lab | 64.0075, 15.9690, -38.8237 |

Details

The YUV color $173.9250, 34.0540, -2.5652$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $231.0750, -34.0540, 2.5652$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.6210, 14.9768, 2.9634$, and $120.4580, 32.3122, -3.9097$ is the 20% darker color. If you saturate the color by 10%, you get $153.2590, 44.2423, -3.7351$, and if you desaturate by 10%, it is $194.5910, 23.8656, -1.3953$.

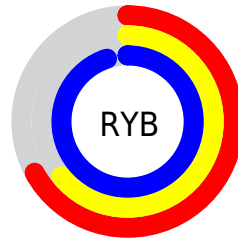
Distribution



Red (67%)

Green (64%)

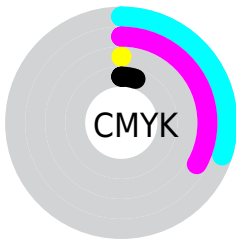
Blue (95%)



Red (67%)

Yellow (64%)

Blue (95%)

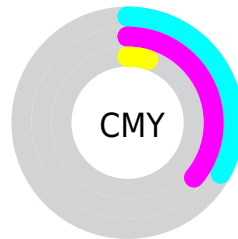


Cyan (30%)

Magenta (33%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (36%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9250, 34.0540, -2.5652 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 173.9250, 34.0540, -2.5652 by changing the saturation by 10% instead.

■ 173.9250, 34.0540,
-2.5652

■ 173.9250, 34.0540,
-2.5652

255.0000, 0.0000,
0.0000

■ 146.9850, 33.0384,
-3.4948

■ 224.6210, 14.9768,
2.9634

■ 120.4580, 32.3122,
-3.9097

■ 249.1300, 2.8939,
5.1480

■ 95.5180, 31.2966,
-4.8393

■ 71.2790, 30.4285,
-6.3837

■ 47.3280, 29.4183,
-9.0577

■ 21.9740, 29.5928,
-18.3942

■ 6.7260, 25.7711,

-5.8987

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 173.9250, 34.0540,
-2.5652

■ 173.9250, 34.0540,
-2.5652

■ 153.2590, 44.2423,
-3.7351

■ 194.5910, 23.8656,
-1.3953

■ 132.3050, 54.5726,
-3.7755

■ 215.5450, 13.5353,
-1.3550

■ 111.6390, 64.7610,
-4.9454

■ 236.2110, 3.3470,
-0.1850

■ 91.2720, 74.8019,
-5.5005

■ 253.6320, -5.2416,
1.1997

■ 70.6060, 84.9902,
-6.6705

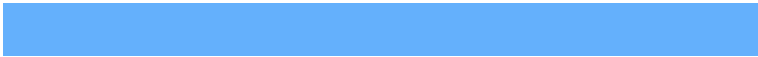
■ 49.3530, 95.4680,
-7.3256

■ 35.7750, 102.1619,
-7.6957

Harmonies

Analogous

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



161.9400, 44.3996, -54.3214



173.9250, 34.0540, -2.5652



176.2800, 19.0890, 37.4654

Triad

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



173.9250, 34.0540, -2.5652



171.3230, -33.1902, 52.3367



141.6090, 12.5178, -95.2501

Complementary

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



173.9250, 34.0540, -2.5652



231.0750, -34.0540, 2.5652

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.



158.0120, -15.2889, -42.9835



173.9250, 34.0540, -2.5652



168.2630, -39.0767, 26.9563

Square

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



173.9250, 34.0540, -2.5652



173.0100, -18.2459, 65.7662



164.0740, -32.5745, -5.3269



136.4160, 35.2909, -119.6368

Rectangle

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



173.9250, 34.0540, -2.5652



175.8880, 6.9572, 55.3492



164.0740, -32.5745, -5.3269



149.8800, 1.5382, -73.5628

Sweetspot

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



173.9250, 34.0540, -2.5652



233.4480, 10.6251, -1.2699



214.0850, 14.2551, -45.6785



114.4220, 6.6940, -0.3701



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.



173.9250, 34.0540, -2.5652



167.9170, 42.9319, -3.4352



185.8850, 28.1577, 22.0259



111.9660, 4.9468, 0.0298



27.4830, 78.1489, -5.6856



8.8190, 24.7392, -1.5953

Inverse Universe

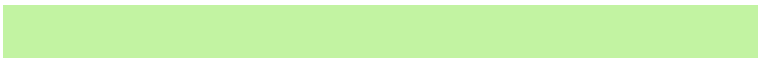
The Inverse Universe completely reimagines the original color for something new.



194.4270, 19.5095, 42.5985



193.8720, 24.7131, 53.6093



219.1150, -28.1577, -22.0259



114.8420, 3.0359, 6.2776



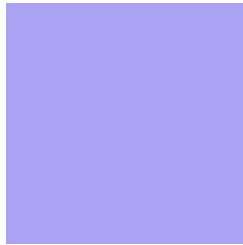
74.4240, 44.6540, 97.8522



23.5690, 14.0165, 31.0730

Previews

White Background



This preview shows how the YUV color 173.9250, 34.0540, -2.5652 looks on a white background.

Color Contrast Check

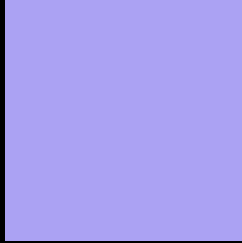
Large Text (above 18pt) WCAG AA × Fail

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 173.9250, 34.0540, -2.5652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

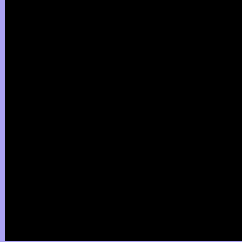
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.9250, 34.0540, -2.5652

Background



This preview shows how black text looks on a background with the YUV color 173.9250, 34.0540, -2.5652.



This preview shows how white text looks on a background with the YUV color 173.9250, 34.0540, -2.5652.

-2.5652.

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

173.9250, 34.0540, -2.5652

Protanopia

170.8300, 38.0448, -22.6529

Deuteranopia

170.9180, 34.5504, -21.8531



Tritanopia

170.7090, 8.0315, -9.3918

Trichromacy



Original Color

173.9250, 34.0540, -2.5652

Protanomaly

171.5320, 36.7127, -15.3756

Deuteranomaly

171.9620, 34.5287, -14.8757

Tritanomaly

171.8370, 17.3354, -6.8730

Monochromacy



Original Color

173.9250, 34.0540, -2.5652

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2030, 12.2249, -1.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9250, 34.0540, -2.5652 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(171, 162, 243)` looks like.

```
.text, #text, p{  
    color:rgb(171, 162, 243)  
}
```

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(171, 162, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 162, 243) }
```

Border

The CSS property to change the border of an element to YUV 173.9250, 34.0540, -2.5652 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(171, 162, 243) }
```


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

```
.border{ border-color:rgb(171, 162, 243) }
```

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

Here you see how a box with a 4 pixel rgb(171, 162, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 162, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 162, 243);  
box-shadow:4px 4px 4px 4px rgb(171, 162,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 173.9250, 34.0540, -2.5652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 162, 243) }
```

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

```
.background{ background-color: rgb(171,  
162, 243) }
```

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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