

Converting Colors

YUV(172.3090, 34.8507,
-24.8270)

Have a look what the booklet for
YUV(172.3090, 34.8507, -24.8270)
contains.

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Color

**YUV(172.3090, 34.8507,
-24.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	90ADF3
RGB	144, 173, 243
RGB Percent	56%, 68%, 95%
CMY	0.4353, 0.3216, 0.0471
CMYK	0.41, 0.29, 0.00, 0.05
HSL	222°, 80%, 76%
HSV	222°, 41%, 95%
XYZ	42.6228, 42.2875, 90.7099
YIQ	172.3090, -39.7540, 15.6220

Conversions

Conversions Part 2

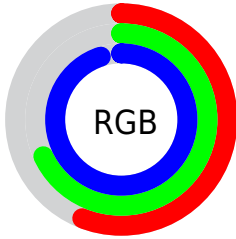
Format	Color
RYB	144, 166, 243
Decimal	9481715
CIELab	71.07, 7.42, -38.07
CIELCh	71, 38.786, 281.022
Yxy	42.2875, 0.2427, 0.2408
Android (android.graphics.Color)	4287671795 (0xFF90ADF3)
YUV	172.3090, 34.8507, -24.8270
Hunter-Lab	65.0288, 3.1965, -37.1845

Details

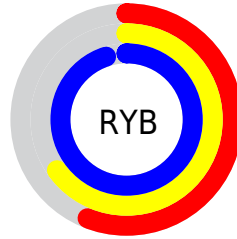
The YUV color $172.3090, 34.8507, -24.8270$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $214.6910, -34.8507, 24.8270$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $223.0050, 15.7735, -19.2984$, and $118.9560, 33.5457, -26.2714$ is the 20% darker color. If you saturate the color by 10%, you get $155.1540, 43.3081, -30.8301$, and if you desaturate by 10%, it is $189.4640, 26.3932, -18.8239$.

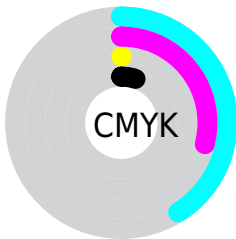
Distribution



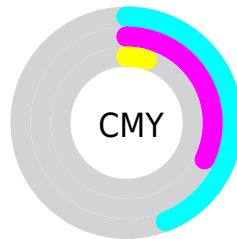
- Red (56%)
- Green (68%)
- Blue (95%)



- Red (56%)
- Yellow (65%)
- Blue (95%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)
- Black (5%)



- Cyan (44%)
- Magenta (32%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3090, 34.8507, -24.8270 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 172.3090, 34.8507, -24.8270 by changing the saturation by 10% instead.

■ 172.3090, 34.8507,
-24.8270

■ 172.3090, 34.8507,
-24.8270

255.0000, 0.0000,
0.0000

■ 145.3690, 33.8351,
-25.7566

■ 223.0050, 15.7735,
-19.2984

■ 118.9560, 33.5457,
-26.2714

■ 247.5250, 3.6852,
-15.3694

■ 92.4180, 32.8249,
-28.4306

■ 66.3850, 32.8412,
-33.6636

■ 42.1350, 31.9784,
-36.9524

■ 27.0720, 27.5725,
-23.7421

■ 9.0740, 24.6135,

-7.9579

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 172.3090, 34.8507,
-24.8270

■ 172.3090, 34.8507,
-24.8270

■ 155.1540, 43.3081,
-30.8301

■ 189.4640, 26.3932,
-18.8239

■ 137.7000, 51.9129,
-37.4479

■ 206.9180, 17.7884,
-12.2061

■ 119.9580, 60.6597,
-42.9362

■ 224.6600, 9.0416,
-6.7178

■ 102.8030, 69.1171,
-48.9392

■ 241.8150, 0.5842,
-0.7148

■ 85.6480, 77.5745,
-54.9423

■ 253.6320, -5.2416,
1.1997

■ 69.3790, 85.5952,
-60.8454

Harmonies

Analogous

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



159.5870, 39.6436, -68.9208



172.3090, 34.8507, -24.8270



178.1030, 24.1062, 14.8187

Triad

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



172.3090, 34.8507, -24.8270



175.3800, -22.8653, 54.0407



159.4160, -4.6421, -51.2308

Complementary

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



172.3090, 34.8507, -24.8270



214.6910, -34.8507, 24.8270

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.



165.5160, -22.9324, -17.9925



172.3090, 34.8507, -24.8270



173.0500, -32.5627, 37.6671

Square

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



172.3090, 34.8507, -24.8270



176.8270, -7.3097, 58.0337



170.1840, -32.6287, 12.1166



148.8470, 18.3164, -88.4428

Rectangle

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



172.3090, 34.8507, -24.8270



178.5310, 15.0212, 35.4913



170.1840, -32.6287, 12.1166



162.3590, -11.5160, -39.7798

Sweetspot

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



172.3090, 34.8507, -24.8270



232.8170, 10.9362, -7.7325



209.9790, 1.4894, -57.8636



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.



172.3090, 34.8507, -24.8270



165.9690, 43.8923, -31.5448



161.2660, 40.2949, 2.3977



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.



176.9070, -1.9262, 57.9636



171.5930, -2.2643, 73.1479



225.7340, -40.2949, -2.3977



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 172.3090, 34.8507, -24.8270 looks on a white background.

Color Contrast Check

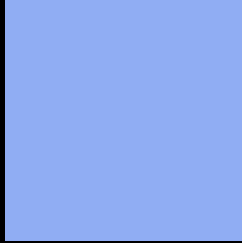
Large Text (above 18pt) WCAG AA × Fail

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 172.3090, 34.8507, -24.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

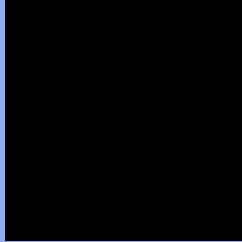
Any Text WCAG AA ✓ Pass

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 172.3090, 34.8507, -24.8270 Background



This preview shows how black text looks on a background with the YUV color 172.3090, 34.8507, -24.8270.



This preview shows how white text looks on a background with the YUV color 172.3090, 34.8507, -24.8270.

-24.8270.

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

172.3090, 34.8507, -24.8270

Protanopia

173.2990, 33.3766, -18.6792

Deuteranopia

173.2170, 34.4030, -21.2383



Tritanopia

168.6460, 13.4855, -32.1385

Trichromacy



Original Color

172.3090, 34.8507, -24.8270

Protanomaly

173.1030, 33.9662, -21.1383

Deuteranomaly

172.6190, 34.6978, -22.4679

Tritanomaly

170.0190, 21.1896, -29.8347

Monochromacy



Original Color

172.3090, 34.8507, -24.8270

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9740, 12.8308, -8.7472

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3090, 34.8507, -24.8270 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(144, 173, 243)` looks like.

```
.text, #text, p{  
    color:rgb(144, 173, 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(144, 173, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 173, 243) }
```

Border

The CSS property to change the border of an element to YUV 172.3090, 34.8507, -24.8270 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(144, 173, 243) }
```


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

```
.border{ border-color:rgb(144, 173, 243) }
```

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

Here you see how a box with a 4 pixel rgb(144, 173, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 173, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 173, 243);  
box-shadow:4px 4px 4px 4px rgb(144, 173,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 172.3090, 34.8507, -24.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 173, 243) }
```

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

```
.background{ background-color: rgb(144,  
173, 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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