

Converting Colors

YUV(170.1320, 33.4589, 1.6382)

Have a look what the booklet for
YUV(170.1320, 33.4589, 1.6382)
contains.

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Color

**YUV(170.1320, 33.4589,
1.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9CEE
RGB	172, 156, 238
RGB Percent	67%, 61%, 93%
CMY	0.3255, 0.3882, 0.0667
CMYK	0.28, 0.34, 0.00, 0.07
HSL	252°, 71%, 77%
HSV	252°, 34%, 93%
XYZ	44.3343, 38.7206, 86.0261
YIQ	170.1320, -16.7860, 28.8940

Conversions

Conversions Part 2

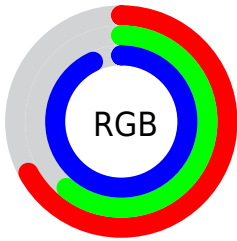
Format	Color
R_{YB}	172, 156, 238
Decimal	11312366
CIE _{Lab}	68.55, 23.33, -39.12
CIE _{LCh}	69, 45.550, 300.815
Yxy	38.7206, 0.2622, 0.2290
Android (android.graphics.Color)	4289502446 (0xFFAC9CEE)
YUV	170.1320, 33.4589, 1.6382
Hunter-Lab	62.2259, 18.2813, -38.4091

Details

The YUV color $170.1320, 33.4589, 1.6382$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $223.8680, -33.4589, -1.6382$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.3980, 16.5658, 6.6670$, and $117.6650, 31.7172, 0.2938$ is the 20% darker color. If you saturate the color by 10%, you get $150.3630, 43.2050, 2.3126$, and if you desaturate by 10%, it is $189.9010, 23.7128, 0.9638$.

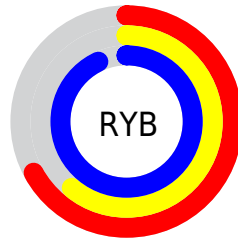
Distribution



Red (67%)

Green (61%)

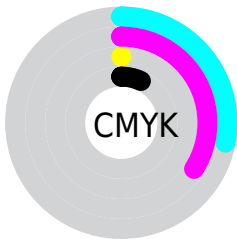
Blue (93%)



Red (67%)

Yellow (61%)

Blue (93%)

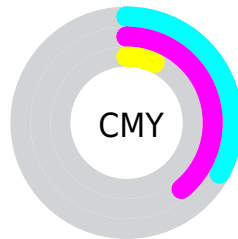


Cyan (28%)

Magenta (34%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (39%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1320, 33.4589, 1.6382 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 170.1320, 33.4589, 1.6382 by changing the saturation by 10% instead.

■ 170.1320, 33.4589,
1.6382

■ 170.1320, 33.4589,
1.6382

255.0000, 0.0000,
0.0000

■ 143.6050, 32.7327,
1.2234

■ 221.3980, 16.5658,
6.6670

■ 117.6650, 31.7172,
0.2938

■ 245.6080, 4.6303,
8.2368

■ 91.8390, 31.1384,
-0.7358

■ 67.4860, 29.8334,
-2.1802

■ 44.5350, 28.8232,
-4.8542

■ 19.4910, 28.8449,
-11.8316

■ 6.2700, 24.0239,

-5.4988

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 170.1320, 33.4589,
1.6382

■ 170.1320, 33.4589,
1.6382

■ 150.3630, 43.2050,
2.3126

■ 189.9010, 23.7128,
0.9638

■ 130.5940, 52.9512,
2.9871

■ 209.6700, 13.9667,
0.2894

■ 111.4120, 62.4079,
3.1467

■ 228.8520, 4.5100,
0.1298

■ 91.3440, 72.3014,
3.2063

■ 248.9200, -5.3836,
0.0702

■ 71.5750, 82.0475,
3.8807

■ 253.0620, -7.4256,
1.6996

■ 51.8060, 91.7936,
4.5551

■ 40.8860, 97.1772,
4.4850

Harmonies

Analogous

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



158.6630, 44.5361, -51.4475



170.1320, 33.4589, 1.6382



171.9600, 17.7677, 41.2541

Triad

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



170.1320, 33.4589, 1.6382



165.9700, -34.4952, 50.8923



129.3940, 18.5398, -113.4785

Complementary

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



170.1320, 33.4589, 1.6382



223.8680, -33.4589, -1.6382

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.



151.9620, -12.7993, -48.2017



170.1320, 33.4589, 1.6382



163.4260, -39.6500, 24.1824

Square

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



170.1320, 33.4589, 1.6382



168.1410, -20.2825, 65.6513



159.1660, -32.1268, -8.9156



134.0680, 36.4485, -117.5776

Rectangle

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



170.1320, 33.4589, 1.6382



171.1550, 5.3466, 58.6231



159.1660, -32.1268, -8.9156



141.8510, 5.4965, -83.1843

Sweetspot

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



170.1320, 33.4589, 1.6382



234.0460, 10.3303, -0.0403



204.6770, 16.4282, -42.6897



114.7210, 6.5465, 0.2447



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.



170.1320, 33.4589, 1.6382



168.2490, 42.7682, 2.4126



182.0920, 27.5626, 26.2293



109.9660, 4.9468, 0.0298



31.7400, 75.0642, 3.7360



9.6730, 22.8392, 1.1638

Inverse Universe

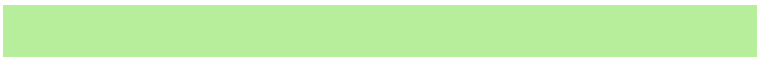
The Inverse Universe completely reimagines the original color for something new.



188.0420, 16.7413, 43.8132



191.0850, 21.6501, 56.0535



211.9080, -27.5626, -26.2293



112.7280, 2.5991, 6.3775



71.8880, 37.5232, 98.3222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 170.1320, 33.4589, 1.6382 looks on a white background.

Color Contrast Check

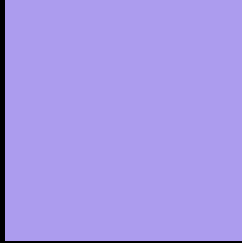
Large Text (above 18pt) WCAG AA × Fail

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 170.1320, 33.4589, 1.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

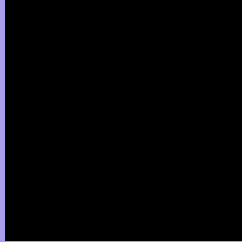
Any Text WCAG AA ✓ Pass

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 170.1320, 33.4589, 1.6382 Background



This preview shows how black text looks on a background with the YUV color 170.1320, 33.4589, 1.6382.



This preview shows how white text looks on a background with the YUV color 170.1320, 33.4589,

1.6382.

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

170.1320, 33.4589, 1.6382

Protanopia

166.3570, 38.7710, -22.2381

Deuteranopia

166.2170, 34.4030, -21.2383



Tritanopia

167.3890, 6.7102, -5.6032

Trichromacy



Original Color

170.1320, 33.4589, 1.6382

Protanomaly

167.5430, 36.7073, -13.6312

Deuteranomaly

167.8590, 34.0865, -13.0313

Tritanomaly

168.6310, 16.4509, -3.1844

Monochromacy



Original Color

170.1320, 33.4589, 1.6382

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.2140, 12.2195, 0.6893

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1320, 33.4589, 1.6382 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(172, 156, 238)` looks like.

```
.text, #text, p{  
    color:rgb(172, 156, 238)  
}
```

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(172, 156, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 156, 238) }
```

Border

The CSS property to change the border of an element to YUV 170.1320, 33.4589, 1.6382 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(172, 156, 238) }
```


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

```
.border{ border-color:rgb(172, 156, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 156, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 156, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 156, 238);  
box-shadow:4px 4px 4px 4px rgb(172, 156,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 170.1320, 33.4589, 1.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 156, 238) }
```

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

```
.background{ background-color: rgb(172,  
156, 238) }
```

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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