

Converting Colors

YUV(165.4250, 35.7795, 4.0123)

Have a look what the booklet for
YUV(165.4250, 35.7795, 4.0123)
contains.

YUV(165.4250, 35.7795, 4.0123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(165.4250, 35.7795,
4.0123)**

Conversions

Conversions Part 1

Format	Color
Hex	AA95EE
RGB	170, 149, 238
RGB Percent	67%, 58%, 93%
CMY	0.3333, 0.4157, 0.0667
CMYK	0.29, 0.37, 0.00, 0.07
HSL	254°, 72%, 76%
HSV	254°, 37%, 93%
XYZ	42.7576, 36.2140, 85.6253
YIQ	165.4250, -16.0530, 32.1310

Conversions

Conversions Part 2

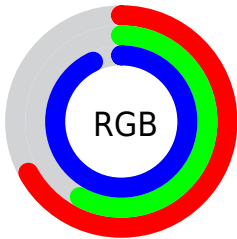
Format	Color
R_{YB}	170, 149, 238
Decimal	11179502
CIE _{Lab}	66.68, 26.72, -42.05
CIE _{LCh}	67, 49.821, 302.436
Yxy	36.2140, 0.2598, 0.2200
Android (android.graphics.Color)	4289369582 (0xFFAA95EE)
YUV	165.4250, 35.7795, 4.0123
Hunter-Lab	60.1781, 21.5160, -42.2371

Details

The YUV color **165.4250, 35.7795, 4.0123** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **221.5750, -35.7795, -4.0123**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1040, 19.1757, 9.5558**, and **112.6590, 34.1851, 2.0531** is the 20% darker color. If you saturate the color by 10%, you get **145.9550, 45.3782, 5.3015**, and if you desaturate by 10%, it is **184.8950, 26.1808, 2.7231**.

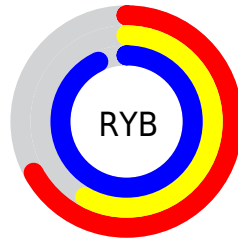
Distribution



Red (67%)

Green (58%)

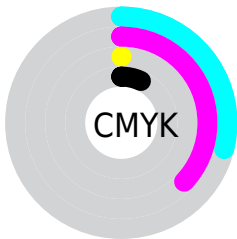
Blue (93%)



Red (67%)

Yellow (58%)

Blue (93%)

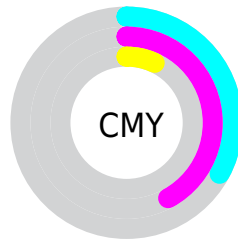


Cyan (29%)

Magenta (37%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (42%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4250, 35.7795, 4.0123 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 165.4250, 35.7795, 4.0123 by changing the saturation by 10% instead.

■ 165.4250, 35.7795,
4.0123

■ 165.4250, 35.7795,
4.0123

■ 255.0000, 0.0000,
0.0000

■ 138.4850, 34.7639,
3.0827

■ 216.1040, 19.1757,
9.5558

■ 112.6590, 34.1851,
2.0531

■ 240.9120, 6.9454,
12.3552

■ 87.6050, 32.7327,
1.2234

■ 63.3660, 31.8646,
-0.3210

■ 39.8170, 31.1492,
-4.2245

■ 14.1750, 31.4657,
-12.4315

■ 6.2700, 24.0239,

-5.4988

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 165.4250, 35.7795,
4.0123

■ 165.4250, 35.7795,
4.0123

■ 145.9550, 45.3782,
5.3015

■ 184.8950, 26.1808,
2.7231

■ 126.4850, 54.9769,
6.5907

■ 204.3650, 16.5821,
1.4339

■ 107.3030, 64.4336,
6.7503

■ 223.5470, 7.1253,
1.2743

■ 87.8330, 74.0323,
8.0395

■ 243.0170, -2.4734,
-0.0149

■ 68.3630, 83.6310,
9.3286

■ 253.0620, -7.4256,
1.6996

■ 48.8930, 93.2298,
10.6178

■ 43.8760, 95.7031,
10.6327

Harmonies

Analogous

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



152.1830, 49.2098, -57.1655



165.4250, 35.7795, 4.0123



166.5200, 18.4776, 46.9020

Triad

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



165.4250, 35.7795, 4.0123



160.6560, -38.2844, 52.9217



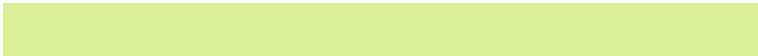
127.4050, 18.5343, -111.7342

Complementary

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



165.4250, 35.7795, 4.0123



221.5750, -35.7795, -4.0123

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.



143.4340, -12.0460, -56.5086



165.4250, 35.7795, 4.0123



157.6880, -43.7232, 23.9526

Square

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



165.4250, 35.7795, 4.0123



162.3050, -22.3354, 70.7695



153.1610, -34.5894, -12.4192



131.8340, 38.0428, -115.6184

Rectangle

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



165.4250, 35.7795, 4.0123



164.7860, 5.0355, 65.0857



153.1610, -34.5894, -12.4192



124.9940, 11.8350, -109.6197

Sweetspot

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



165.4250, 35.7795, 4.0123



232.2850, 11.1985, 1.5041



199.0620, 19.1964, -43.9044



114.1340, 6.8359, 0.7595



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.



165.4250, 35.7795, 4.0123



161.1830, 46.2518, 5.1015



178.5810, 29.2936, 31.0625



110.2650, 4.7994, 0.6446



33.8330, 74.0323, 8.0395



10.2710, 22.5444, 2.3933

Inverse Universe

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



183.3630, 16.5830, 47.9166



184.4170, 21.4864, 61.9013



208.4190, -29.2936, -31.0625



112.6140, 2.1623, 6.4775



70.9760, 34.0288, 99.1220



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 165.4250, 35.7795, 4.0123 looks on a white background.

Color Contrast Check

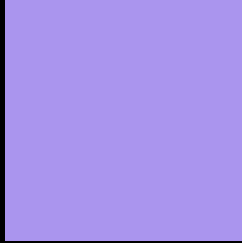
Large Text (above 18pt) WCAG AA × Fail

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 165.4250, 35.7795, 4.0123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

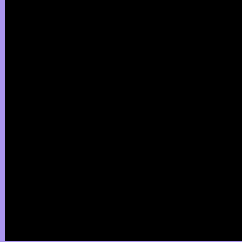
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.4250, 35.7795, 4.0123

Background



This preview shows how black text looks on a background with the YUV color 165.4250, 35.7795, 4.0123.



This preview shows how white text looks on a background with the YUV color 165.4250, 35.7795,

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

165.4250, 35.7795, 4.0123

Protanopia

160.6600, 42.5656, -26.0118

Deuteranopia

160.8790, 37.0347, -25.3269



Tritanopia

162.2860, 6.2680, -3.7588

Trichromacy



Original Color

165.4250, 35.7795, 4.0123

Protanomaly

162.1560, 40.3491, -15.0458

Deuteranomaly

162.8310, 36.5653, -14.7608

Tritanomaly

163.1690, 17.1717, -1.0252

Monochromacy



Original Color

165.4250, 35.7795, 4.0123

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1540, 13.2351, 1.6189

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4250, 35.7795, 4.0123 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(170, 149, 238)` looks like.

```
.text, #text, p{  
    color:rgb(170, 149, 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(170, 149, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 149, 238) }
```

Border

The CSS property to change the border of an element to YUV 165.4250, 35.7795, 4.0123 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(170, 149, 238) }
```


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

```
.border{ border-color:rgb(170, 149, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 149, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 149, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 149, 238);  
box-shadow:4px 4px 4px 4px rgb(170, 149,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 165.4250, 35.7795, 4.0123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 149, 238) }
```

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

```
.background{ background-color: rgb(170,  
149, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor