

Converting Colors

YUV(170.4350, 23.9425,
20.6665)

Have a look what the booklet for
YUV(170.4350, 23.9425, 20.6665)
contains.

YUV(170.4350, 23.9425, 20.6665)	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(170.4350, 23.9425,
20.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	C295DB
RGB	194, 149, 219
RGB Percent	76%, 58%, 86%
CMY	0.2392, 0.4157, 0.1412
CMYK	0.11, 0.32, 0.00, 0.14
HSL	279°, 49%, 72%
HSV	279°, 32%, 86%
XYZ	45.7818, 38.0787, 71.9548
YIQ	170.4350, 4.3500, 31.3100

Conversions

Conversions Part 2

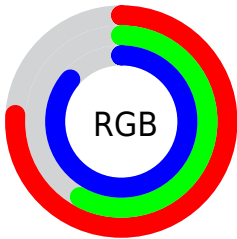
Format	Color
RYB	194, 149, 219
Decimal	12752347
CIELab	68.08, 29.53, -29.24
CIELCh	68, 41.562, 315.284
Yxy	38.0787, 0.2938, 0.2444
Android (android.graphics.Color)	4290942427 (0xFFC295DB)
YUV	170.4350, 23.9425, 20.6665
Hunter-Lab	61.7079, 24.4421, -25.9398

Details

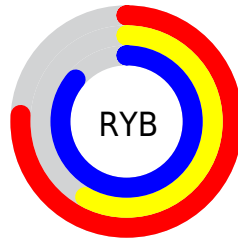
The YUV color **170.4350, 23.9425, 20.6665** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **197.5650, -23.9425, -20.6665**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8670, 15.3486, 23.7956**, and **117.7830, 22.7850, 18.6073** is the 20% darker color. If you saturate the color by 10%, you get **155.1290, 31.4884, 27.0739**, and if you desaturate by 10%, it is **185.7410, 16.3967, 14.2591**.

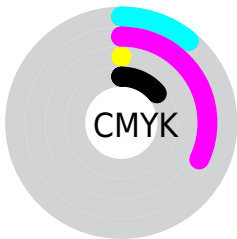
Distribution



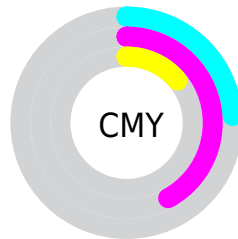
- Red (76%)
- Green (58%)
- Blue (86%)



- Red (76%)
- Yellow (58%)
- Blue (86%)



- Cyan (11%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)




- Cyan (24%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.4350, 23.9425, 20.6665 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 170.4350, 23.9425, 20.6665 by changing the saturation by 10% instead.


 170.4350, 23.9425,
20.6665


 170.4350, 23.9425,
20.6665


255.0000, 0.0000,
0.0000


 143.6090, 23.3638,
19.6369


 223.8670, 15.3486,
23.7956


 117.7830, 22.7850,
18.6073

 241.4990, 6.6560,
11.8404

 92.2560, 22.0588,
18.1925

 68.4300, 21.4800,
17.1629

 44.6040, 20.9012,
16.1333

 21.1910, 20.6118,
15.6185

 10.3550, 15.1080,

7.5817

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 170.4350, 23.9425,
20.6665

■ 170.4350, 23.9425,
20.6665

■ 155.1290, 31.4884,
27.0739

■ 185.7410, 16.3967,
14.2591

■ 139.8230, 39.0343,
33.4812

■ 201.0470, 8.8508,
7.8518

■ 124.8160, 46.4327,
40.5034

■ 216.0540, 1.4524,
0.8296

■ 109.5100, 53.9786,
46.9107

■ 231.3600, -6.0935,
-5.5777

■ 94.7910, 61.2350,
52.8033

■ 244.3180,
-12.4818, -9.9259

■ 79.4850, 68.7809,
59.2107

■ 246.7100,
-13.6610, -5.0077

■ 67.1250, 74.8744,
64.7884

■ 249.1020,
-14.8403, -0.0895

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



164.9720, 36.0028, -21.0234



170.4350, 23.9425, 20.6665



170.0830, 7.8471, 49.9162

Triad

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



170.4350, 23.9425, 20.6665



164.3550, -35.1780, 36.5227



130.1580, 26.5441, -114.1486

Complementary

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



170.4350, 23.9425, 20.6665



197.5650, -23.9425, -20.6665

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.



147.6750, -0.8258, -61.9820



170.4350, 23.9425, 20.6665



161.4070, -34.2177, 8.4131

Square

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



170.4350, 23.9425, 20.6665



166.2940, -25.7809, 55.8702



156.4120, -21.8951, -24.0403



132.2730, 42.2634, -116.0034

Rectangle

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



170.4350, 23.9425, 20.6665



169.0490, -3.9682, 59.5930



156.4120, -21.8951, -24.0403



134.4710, 18.5018, -101.2681

Sweetspot

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



170.4350, 23.9425, 20.6665



237.6340, 8.5614, 7.3370



172.2420, 23.0517, -20.3832



116.8140, 5.5147, 4.5481



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.



170.4350, 23.9425, 20.6665



187.5960, 33.2302, 28.4183



176.8840, 16.3262, 36.9357



102.3470, 3.7729, 3.2037



52.9110, 59.2039, 50.9441



14.2140, 15.6705, 13.8443

Inverse Universe

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



172.7800, 0.6015, 40.5349



190.9930, 0.9895, 56.1341



191.1160, -16.3262, -36.9357



102.7450, 0.1257, 6.3626



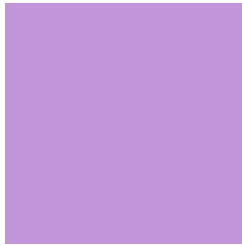
58.7950, 1.5801, 100.1578



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 170.4350, 23.9425, 20.6665 looks on a white background.

Color Contrast Check

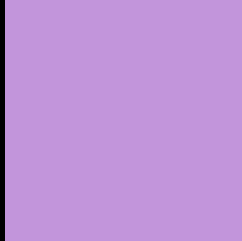
Large Text (above 18pt) WCAG AA × Fail

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 170.4350, 23.9425, 20.6665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

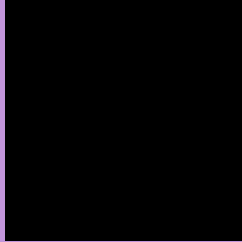
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.4350, 23.9425, 20.6665

Background



This preview shows how black text looks on a background with the YUV color 170.4350, 23.9425, 20.6665.



This preview shows how white text looks on a background with the YUV color 170.4350, 23.9425,

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

170.4350, 23.9425, 20.6665

Protanopia

166.1420, 31.4820, -17.6645

Deuteranopia

166.6500, 24.3295, -10.2171



Tritanopia

168.1530, 1.4036, 16.5288

Trichromacy



Original Color

170.4350, 23.9425, 20.6665



Protanomaly

167.8340, 28.6758, -4.2394



Deuteranomaly

168.0150, 24.1496, 0.8638



Tritanomaly

169.2270, 9.2551, 18.2179

Monochromacy



Original Color

170.4350, 23.9425, 20.6665



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.0470, 8.8508, 7.8518

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4350, 23.9425, 20.6665 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(194, 149, 219)` looks like.

```
.text, #text, p{  
    color:rgb(194, 149, 219)  
}
```

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(194, 149, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 149, 219) }
```

Border

The CSS property to change the border of an element to YUV 170.4350, 23.9425, 20.6665 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(194, 149, 219) }
```


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

```
.border{ border-color:rgb(194, 149, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 149, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 149, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 149, 219);  
box-shadow:4px 4px 4px 4px rgb(194, 149,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 170.4350, 23.9425, 20.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 149, 219) }
```

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

```
.background{ background-color: rgb(194,  
149, 219) }
```

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