

# Converting Colors

YUV(139.9970, 25.1445,  
55.2536)

Have a look what the booklet for  
YUV(139.9970, 25.1445, 55.2536)  
contains.

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# Color

**YUV(139.9970, 25.1445,  
55.2536)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB62BF
RGB	203, 98, 191
RGB Percent	80%, 38%, 75%
CMY	0.2039, 0.6157, 0.2510
CMYK	0.00, 0.52, 0.06, 0.20
HSL	307°, 50%, 59%
HSV	307°, 52%, 80%
XYZ	38.4003, 25.1935, 52.1291
YIQ	139.9970, 32.7270, 51.1830

# Conversions

## Conversions Part 2

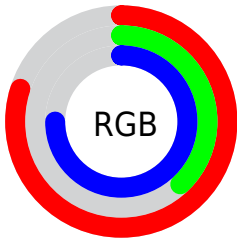
Format	Color
R <sub>Y</sub> B	203, 98, 191
Decimal	13329087
CIE Lab	57.26, 53.84, -30.14
CIE LCh	57, 61.704, 330.757
Yxy	25.1935, 0.3318, 0.2177
Android (android.graphics.Color)	4291519167 (0xFFCB62BF)
YUV	139.9970, 25.1445, 55.2536
Hunter-Lab	50.1931, 48.7236, -26.4418

# Details

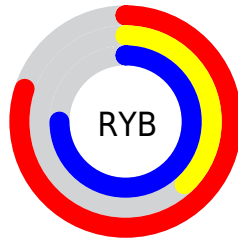
The YUV color **139.9970, 25.1445, 55.2536** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **161.0030, -25.1445, -55.2536**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3280, 26.4603, 53.2093**, and **84.5130, 25.8761, 53.9241** is the 20% darker color. If you saturate the color by 10%, you get **128.0290, 30.0587, 65.7496**, and if you desaturate by 10%, it is **151.9650, 20.2303, 44.7577**.

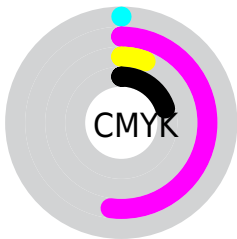
# Distribution



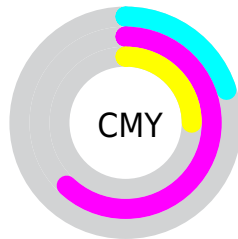
- Red (80%)
- Green (38%)
- Blue (75%)



- Red (80%)
- Yellow (38%)
- Blue (75%)



- Cyan (0%)
- Magenta (52%)
- Yellow (6%)
- Black (20%)




- Cyan (20%)
- Magenta (62%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 139.9970, 25.1445, 55.2536 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 139.9970, 25.1445, 55.2536 by changing the saturation by 10% instead.





 139.9970, 25.1445,  
55.2536


 139.9970, 25.1445,  
55.2536


255.0000, 0.0000,  
0.0000


 112.3990, 25.4393,  
54.0241


 194.3280, 26.4603,  
53.2093


 84.5130, 25.8761,  
53.9241


 210.9750, 21.7043,  
38.6099


 51.2840, 29.9330,  
59.3869

 227.9980, 13.3120,  
23.6808

 37.4260, 24.4400,  
47.8614

 245.0210, 4.9196,  
8.7516

 26.9160, 17.7894,  
34.2767

 17.2320, 11.7176,  
21.7215

 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,  
0.0000

■ 139.9970, 25.1445,  
55.2536

■ 139.9970, 25.1445,  
55.2536

■ 128.0290, 30.0587,  
65.7496

■ 151.9650, 20.2303,  
44.7577

■ 115.3600, 34.8255,  
76.8603

■ 164.6340, 15.4634,  
33.6470

■ 103.3920, 39.7397,  
87.3562

■ 176.6020, 10.5492,  
23.1510

■ 91.4240, 44.6540,  
97.8522

■ 188.5700, 5.6350,  
12.6551

■ 81.2170, 48.7000,  
106.8037

■ 201.2390, 0.8682,  
1.5444

■ 213.2070, -4.0461,  
-8.9515

■ 225.1750, -8.9603,  
-19.4475

■ 234.3220,  
-11.9907, -27.4694

■ 234.5500,  
-11.1172, -27.6694

# Harmonies

## Analogous

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



139.7970, 44.9631, -1.5760



139.9970, 25.1445, 55.2536



133.8210, 2.0602, 86.1030

# Triad

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



139.9970, 25.1445, 55.2536



128.2100, -62.2215, 30.5108



116.8680, 36.5471, -102.4932

# Complementary

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



139.9970, 25.1445, 55.2536



161.0030, -25.1445, -55.2536

# 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.



110.7120, 12.9600, -97.0944



139.9970, 25.1445, 55.2536



124.4030, -45.0617, -13.5084

# Square

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



139.9970, 25.1445, 55.2536



132.4740, -45.5897, 62.7283



102.6810, -10.1957, -90.0512



117.9060, 55.7553, -103.4036



# Rectangle

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



139.9970, 25.1445, 55.2536



132.7770, -14.6801, 88.7726



102.6810, -10.1957, -90.0512



115.5170, 28.8321, -101.3084

# Sweetspot

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



139.9970, 25.1445, 55.2536



230.3630, 9.6810, 21.6066



112.9600, 44.3897, -4.3499



112.9830, 5.9244, 13.1699



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.



139.9970, 25.1445, 55.2536



160.2020, 37.8614, 83.1378



134.1830, 2.8678, 60.3525



96.0160, 2.4571, 5.2480



66.3920, 39.7397, 87.3562



15.2380, 9.2497, 19.9623



# Inverse Universe

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



139.9970, 25.1445, 55.2536



160.2020, 37.8614, 83.1378



166.8170, -2.8678, -60.3525



96.0160, 2.4571, 5.2480



66.3920, 39.7397, 87.3562



15.2380, 9.2497, 19.9623



# Previews

## White Background



This preview shows how the YUV color 139.9970, 25.1445, 55.2536 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

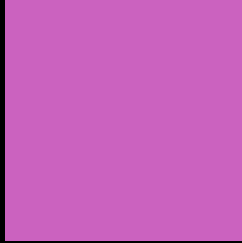
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 139.9970, 25.1445, 55.2536 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

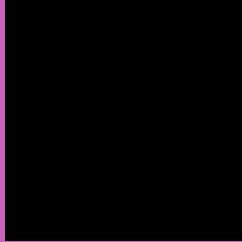
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 139.9970, 25.1445, 55.2536

## Background



This preview shows how black text looks on a background with the YUV color 139.9970, 25.1445, 55.2536.



This preview shows how white text looks on a background with the YUV color 139.9970, 25.1445,



# 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

139.9970, 25.1445, 55.2536

### Protanopia

135.9480, 42.4236, -27.1414

### Deuteranopia

138.1830, 22.5878, -11.5615



## Tritanopia

139.2450, -8.0088, 48.8971

# Trichromacy



## Original Color

139.9970, 25.1445, 55.2536



## Protanomaly

137.8270, 36.0743, 2.7827



## Deuteranomaly

138.6790, 23.8223, 12.5595



## Tritanomaly

139.4700, 4.2053, 51.3308

# Monochromacy



## Original Color

139.9970, 25.1445, 55.2536



## Achromatopsia

140.0000, 0.0000, 0.0000



## Achromatomaly

140.2380, 9.2497, 19.9623

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.9970, 25.1445, 55.2536 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(203, 98, 191)` looks like.

```
.text, #text, p{  
    color:rgb(203, 98, 191)  
}
```

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(203, 98, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 98, 191) }
```

## Border

The CSS property to change the border of an element to YUV 139.9970, 25.1445, 55.2536 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(203, 98, 191) }
```



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

```
.border{ border-color:rgb(203, 98, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 98, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 98, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 98, 191);  
box-shadow:4px 4px 4px 4px rgb(203, 98,  
191) }
```

# Background

The CSS property to change the background color of an element to YUV 139.9970, 25.1445, 55.2536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 98, 191) }
```

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

```
.background{ background-color: rgb(203, 98,  
191) }
```

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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