

# Converting Colors

YUV(136.4900, 10.6044,  
52.1903)

Have a look what the booklet for  
YUV(136.4900, 10.6044, 52.1903)  
contains.

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# Color

**YUV(136.4900, 10.6044,  
52.1903)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4669E
RGB	196, 102, 158
RGB Percent	77%, 40%, 62%
CMY	0.2314, 0.6000, 0.3804
CMYK	0.00, 0.48, 0.19, 0.23
HSL	324°, 44%, 58%
HSV	324°, 48%, 77%
XYZ	33.6879, 23.7071, 35.1481
YIQ	136.4900, 38.0480, 37.3440

# Conversions

## Conversions Part 2

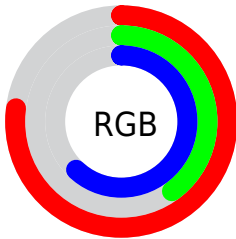
Format	Color
R <sub>Y</sub> B	196, 102, 158
Decimal	12871326
CIE Lab	55.79, 44.39, -13.42
CIE LCh	56, 46.375, 343.185
Yxy	23.7071, 0.3640, 0.2562
Android (android.graphics.Color)	4291061406 (0xFFC4669E)
YUV	136.4900, 10.6044, 52.1903
Hunter-Lab	48.6900, 38.2941, -8.7171

# Details

The YUV color **136.4900, 10.6044, 52.1903** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **161.5100, -10.6044, -52.1903**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.8000, 10.4516, 54.5494**, and **83.4080, 11.6309, 49.6312** is the 20% darker color. If you saturate the color by 10%, you get **123.8380, 12.8979, 63.2861**, and if you desaturate by 10%, it is **149.1420, 8.3110, 41.0945**.

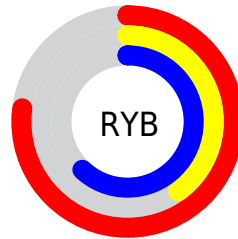
# Distribution



Red (77%)

Green (40%)

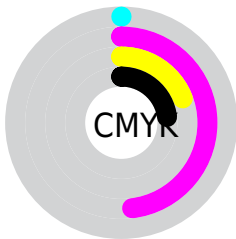
Blue (62%)



Red (77%)

Yellow (40%)

Blue (62%)

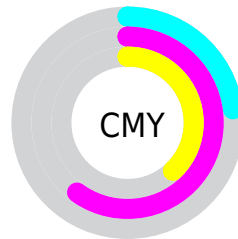


Cyan (0%)

Magenta (48%)

Yellow (19%)

Black (23%)



Cyan (23%)

Magenta (60%)


Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.4900, 10.6044, 52.1903 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 136.4900, 10.6044, 52.1903 by changing the saturation by 10% instead.





 136.4900, 10.6044,  
52.1903


 136.4900, 10.6044,  
52.1903


255.0000, 0.0000,  
0.0000


 109.8920, 10.8992,  
50.9607


 191.8000, 10.4516,  
54.5494


 83.4080, 11.6309,  
49.6312

 211.1400, 14.7210,  
38.4652


 56.0490, 12.7938,  
49.9460

 229.1720, 12.7332,  
22.6512

 32.4400, 13.0941,  
46.9721

 246.1950, 4.3409,  
7.7220

 22.4570, 7.1697,  
33.8022

 12.7730, 1.0979,  
21.2471

 0.0000, 0.0000,

0.0000

■ 136.4900, 10.6044,  
52.1903

■ 136.4900, 10.6044,  
52.1903

■ 123.8380, 12.8979,  
63.2861

■ 149.1420, 8.3110,  
41.0945

■ 111.7730, 14.9019,  
73.8671

■ 161.2070, 6.3069,  
30.5135

■ 99.1210, 17.1953,  
84.9629

■ 173.8590, 4.0135,  
19.4177

■ 87.0560, 19.1994,  
95.5439

■ 185.9240, 2.0095,  
8.8367

■ 74.4040, 21.4928,  
106.6397

■ 198.5760, -0.2840,  
-2.2592

■ 71.9420, 22.2136,  
108.7989

■ 211.2280, -2.5774,  
-13.3550

■ 223.1790, -5.0182,  
-23.8360

■ 233.4830, -6.1541,  
-32.8726

■ 234.3950, -2.6597,  
-33.6724

# Harmonies

## Analogous

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



137.6350, 27.2949, 18.7371



136.4900, 10.6044, 52.1903



133.9420, -8.3524, 65.8259

# Triad

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



136.4900, 10.6044, 52.1903



128.0930, -38.0068, 10.4424



110.0690, 38.4200, -96.5305

# Complementary

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



136.4900, 10.6044, 52.1903



161.5100, -10.6044, -52.1903

# 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.



107.6120, 21.3903, -94.3757



136.4900, 10.6044, 52.1903



122.9020, -25.0947, -24.4701

# Square

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



136.4900, 10.6044, 52.1903



130.7960, -37.3674, 38.7669



104.9390, 2.0021, -82.3845



108.4680, 50.0553, -95.1264



# Rectangle

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



136.4900, 10.6044, 52.1903



132.8310, -20.1297, 63.2922



104.9390, 2.0021, -82.3845



109.9890, 33.0364, -96.4604

# Sweetspot

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



136.4900, 10.6044, 52.1903



232.2720, 4.3029, 19.9325



124.0780, 35.4575, 13.9636



114.0600, 2.4354, 12.2254



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.



136.4900, 10.6044, 52.1903



161.2840, 16.6220, 82.1889



131.1320, -9.9251, 56.8892



90.6740, 1.1467, 5.5479



59.0830, 18.2001, 89.3812



12.1470, 3.8715, 18.2881



# Inverse Universe

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



136.4900, 10.6044, 52.1903



161.2840, 16.6220, 82.1889



166.8680, 9.9251, -56.8892



90.6740, 1.1467, 5.5479



59.0830, 18.2001, 89.3812



12.1470, 3.8715, 18.2881



# Previews

## White Background



This preview shows how the YUV color 136.4900, 10.6044, 52.1903 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

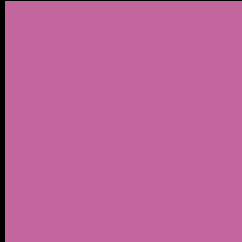
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 136.4900, 10.6044, 52.1903 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

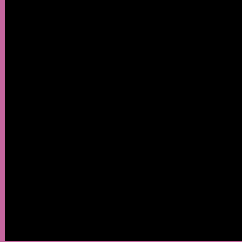
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 136.4900, 10.6044, 52.1903

## Background



This preview shows how black text looks on a background with the YUV color 136.4900, 10.6044, 52.1903.



This preview shows how white text looks on a background with the YUV color 136.4900, 10.6044,



# 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

136.4900, 10.6044, 52.1903

### Protanopia

134.6560, 21.8616, -11.9763

### Deuteranopia

135.6010, 8.5777, 2.1039



## Tritanopia

135.4300, -8.5930, 49.6119

# Trichromacy



## Original Color

136.4900, 10.6044, 52.1903



## Protanomaly

135.3600, 17.5705, 11.0853



## Deuteranomaly

135.6510, 9.5391, 20.4771



## Tritanomaly

135.6780, -1.3203, 50.2714

# Monochromacy



## Original Color

136.4900, 10.6044, 52.1903



## Achromatopsia

136.0000, 0.0000, 0.0000



## Achromatomaly

136.4460, 3.7241, 18.9029

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.4900, 10.6044, 52.1903 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(196, 102, 158)` looks like.

```
.text, #text, p{  
    color:rgb(196, 102, 158)  
}
```

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(196, 102, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 102, 158) }
```

## Border

The CSS property to change the border of an element to YUV 136.4900, 10.6044, 52.1903 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(196, 102, 158) }
```



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

```
.border{ border-color:rgb(196, 102, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 102, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 102, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 102, 158);  
box-shadow:4px 4px 4px 4px rgb(196, 102,  
158) }
```

# Background

The CSS property to change the background color of an element to YUV 136.4900, 10.6044, 52.1903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 102, 158) }
```

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

```
.background{ background-color: rgb(196,  
102, 158) }
```

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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