

Converting Colors

YUV(136.8790, 0.5527, 56.2341)

Have a look what the booklet for
YUV(136.8790, 0.5527, 56.2341)
contains.

YUV(136.8790, 0.5527, 56.2341)	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(136.8790, 0.5527,
56.2341)**

Conversions

Conversions Part 1

Format	Color
Hex	C9688A
RGB	201, 104, 138
RGB Percent	79%, 41%, 54%
CMY	0.2118, 0.5922, 0.4588
CMYK	0.00, 0.48, 0.31, 0.21
HSL	339°, 47%, 60%
HSV	339°, 48%, 79%
XYZ	33.6252, 24.1531, 26.9345
YIQ	136.8790, 46.8980, 31.1380

Conversions

Conversions Part 2

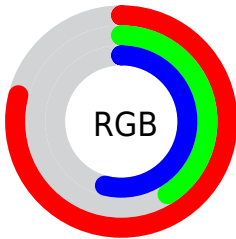
Format	Color
R_{YB}	201, 104, 138
Decimal	13199498
CIE _{Lab}	56.24, 42.24, -1.00
CIE _{LCh}	56, 42.256, 358.650
Yxy	24.1531, 0.3969, 0.2851
Android (android.graphics.Color)	4291389578 (0xFFC9688A)
YUV	136.8790, 0.5527, 56.2341
Hunter-Lab	49.1458, 36.1230, 1.9080

Details

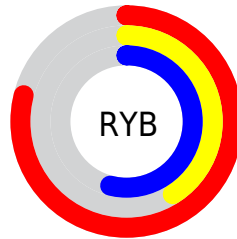
The YUV color **136.8790, 0.5527, 56.2341** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **168.1210, -0.5527, -56.2341**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1780, 0.4052, 56.8489**, and **83.6120, 2.1633, 52.9603** is the 20% darker color. If you saturate the color by 10%, you get **123.6570, 0.6621, 67.8298**, and if you desaturate by 10%, it is **150.1010, 0.4432, 44.6384**.

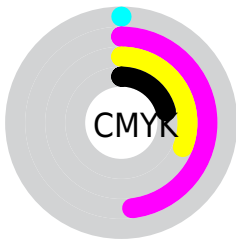
Distribution



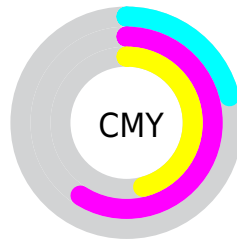
- Red (79%)
- Green (41%)
- Blue (54%)



- Red (79%)
- Yellow (41%)
- Blue (54%)



- Cyan (0%)
- Magenta (48%)
- Yellow (31%)
- Black (21%)




- Cyan (21%)
- Magenta (59%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8790, 0.5527, 56.2341 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 136.8790, 0.5527, 56.2341 by changing the saturation by 10% instead.


 136.8790, 0.5527,
56.2341


 136.8790, 0.5527,
56.2341

255.0000, 0.0000,
0.0000

 110.0960, 1.4317,
54.2898


 190.1780, 0.4052,
56.8489

 83.6120, 2.1633,
52.9603

 209.8060, 4.5326,
39.6351


 57.0680, 3.9105,
52.5604

 229.5480, 9.0968,
22.3214

 31.8120, 5.5157,
51.0309

 247.3690, 3.7621,
6.6924

 21.4590, 0.7597,
36.4315

 11.7750, -5.3121,
23.8763

 0.0000, 0.0000,

0.0000

■ 136.8790, 0.5527,
56.2341

■ 136.8790, 0.5527,
56.2341

■ 123.6570, 0.6621,
67.8298

■ 150.1010, 0.4432,
44.6384

■ 110.4350, 0.7715,
79.4255

■ 163.3230, 0.3338,
33.0427

■ 97.2130, 0.8810,
91.0212

■ 176.5450, 0.2243,
21.4470

■ 83.9910, 0.9904,
102.6169

■ 189.7670, 0.1149,
9.8513

■ 70.7690, 1.0999,
114.2126

■ 203.5760, -0.2840,
-2.2592

■ 68.0790, 0.9471,
116.5717

■ 216.7980, -0.3934,
-13.8548

■ 230.0200, -0.5029,
-25.4505

■ 237.3720, 2.2816,
-31.8982

■ 238.8540, 7.9600,
-33.1980

Harmonies

Analogous

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



139.1010, 17.2052, 34.9914



136.8790, 0.5527, 56.2341



135.1340, -16.3351, 59.5185

Triad

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



136.8790, 0.5527, 56.2341



127.8720, -29.5169, -6.0267



109.3340, 43.2193, -95.8859

Complementary

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



136.8790, 0.5527, 56.2341



168.1210, -0.5527, -56.2341

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.



109.0770, 29.5420, -95.6605



136.8790, 0.5527, 56.2341



121.3050, -12.9684, -40.6095

Square

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



136.8790, 0.5527, 56.2341



131.4520, -35.7188, 23.2826



104.8590, 13.3805, -91.9613



124.4410, 41.1946, -53.0068

Rectangle

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



136.8790, 0.5527, 56.2341



134.1580, -26.2069, 52.4814



104.8590, 13.3805, -91.9613



109.5960, 39.1462, -96.1157

Sweetspot

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



136.8790, 0.5527, 56.2341



231.2460, 0.3717, 20.8323



133.2970, 33.3776, 27.8035



113.3760, -0.1854, 12.8252



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.



136.8790, 0.5527, 56.2341



157.1800, 0.8973, 85.7881



140.6340, -18.0606, 52.9410



93.0330, -0.0163, 5.2331



55.2350, 0.8701, 94.5099



12.2460, 0.3717, 20.8323

Inverse Universe

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



136.8790, 0.5527, 56.2341



157.1800, 0.8973, 85.7881



164.3660, 18.0606, -52.9410



93.0330, -0.0163, 5.2331



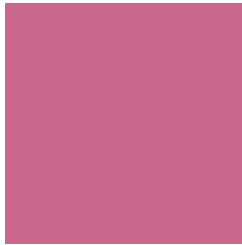
55.2350, 0.8701, 94.5099



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 136.8790, 0.5527, 56.2341 looks on a white background.

Color Contrast Check

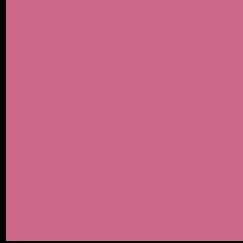
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8790, 0.5527, 56.2341 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 136.8790, 0.5527, 56.2341

Background



This preview shows how black text looks on a background with the YUV color 136.8790, 0.5527, 56.2341.



This preview shows how white text looks on a background with the YUV color 136.8790, 0.5527,

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

136.8790, 0.5527, 56.2341

Protanopia

135.7250, 10.4886, -4.1438

Deuteranopia

136.7240, -1.3429, 10.7661



Tritanopia

136.1210, -9.9197, 55.1449

Trichromacy



Original Color

136.8790, 0.5527, 56.2341

Protanomaly

135.9450, 6.9291, 17.5882

Deuteranomaly

136.6490, -0.8130, 27.4948

Tritanomaly

136.7450, -6.2833, 55.4746

Monochromacy



Original Color

136.8790, 0.5527, 56.2341

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8330, 0.0823, 20.3175

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8790, 0.5527, 56.2341 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(201, 104, 138)` looks like.

```
.text, #text, p{  
    color:rgb(201, 104, 138)  
}
```

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(201, 104, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 104, 138) }
```

Border

The CSS property to change the border of an element to YUV 136.8790, 0.5527, 56.2341 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(201, 104, 138) }
```


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

```
.border{ border-color:rgb(201, 104, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 104, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 104, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 104, 138); box-shadow:4px 4px 4px 4px rgb(201, 104, 138) }
```

Background

The CSS property to change the background color of an element to YUV 136.8790, 0.5527, 56.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 104, 138) }
```

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

```
.background{ background-color: rgb(201,  
104, 138) }
```

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