

Converting Colors

YUV(139.6470, 12.4990,
51.1756)

Have a look what the booklet for
YUV(139.6470, 12.4990, 51.1756)
contains.

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Color

**YUV(139.6470, 12.4990,
51.1756)**

Conversions

Conversions Part 1

Format	Color
Hex	C669A5
RGB	198, 105, 165
RGB Percent	78%, 41%, 65%
CMY	0.2235, 0.5882, 0.3529
CMYK	0.00, 0.47, 0.17, 0.22
HSL	321°, 45%, 59%
HSV	321°, 47%, 78%
XYZ	35.1318, 24.8255, 38.5375
YIQ	139.6470, 36.1680, 38.3760

Conversions

Conversions Part 2

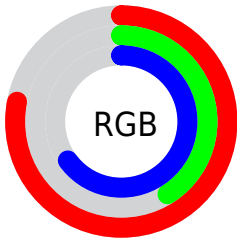
Format	Color
R_{YB}	198, 105, 165
Decimal	13003173
CIE _{Lab}	56.91, 44.59, -15.77
CIE _{LCh}	57, 47.294, 340.517
Yxy	24.8255, 0.3567, 0.2520
Android (android.graphics.Color)	4291193253 (0xFFC669A5)
YUV	139.6470, 12.4990, 51.1756
Hunter-Lab	49.8252, 38.6664, -10.9804

Details

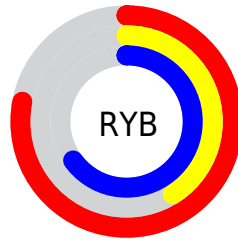
The YUV color **139.6470, 12.4990, 51.1756** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **163.3530, -12.4990, -51.1756**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6580, 12.4936, 52.9199**, and **86.4510, 13.0887, 48.7165** is the 20% darker color. If you saturate the color by 10%, you get **127.1090, 15.2293, 62.1714**, and if you desaturate by 10%, it is **152.1850, 9.7688, 40.1798**.

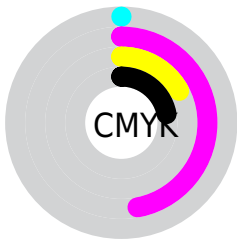
Distribution



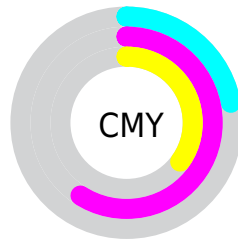
- Red (78%)
- Green (41%)
- Blue (65%)



- Red (78%)
- Yellow (41%)
- Blue (65%)



- Cyan (0%)
- Magenta (47%)
- Yellow (17%)
- Black (22%)





- Cyan (22%)
- Magenta (59%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.6470, 12.4990, 51.1756 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 139.6470, 12.4990, 51.1756 by changing the saturation by 10% instead.

 139.6470, 12.4990,
51.1756


 139.6470, 12.4990,
51.1756


255.0000, 0.0000,
0.0000


 113.0490, 12.7938,
49.9460


 194.6580, 12.4936,
52.9199

 86.4510, 13.0887,
48.7165


 213.8130, 17.3472,
36.1210


 59.2060, 14.6884,
48.9313

 231.5200, 11.5756,
20.5920

 33.7220, 15.4201,
47.6018

 248.5430, 3.1833,
5.6628

 23.7390, 9.4957,
34.4319

 14.4680, 3.7133,
22.3916

 0.0000, 0.0000,

0.0000

■ 139.6470, 12.4990,
51.1756

■ 139.6470, 12.4990,
51.1756

■ 127.1090, 15.2293,
62.1714

■ 152.1850, 9.7688,
40.1798

■ 114.5710, 17.9595,
73.1672

■ 164.7230, 7.0386,
29.1839

■ 102.6200, 20.4003,
83.6483

■ 176.6740, 4.5977,
18.7029

■ 90.0820, 23.1306,
94.6441

■ 189.2120, 1.8675,
7.7071

■ 77.5440, 25.8608,
105.6399

■ 201.7500, -0.8628,
-3.2887

■ 73.7940, 26.7236,
108.9287

■ 214.2880, -3.5930,
-14.2846

■ 226.8260, -6.3232,
-25.2804

■ 234.0810, -6.4489,
-31.6430

■ 234.8790, -3.3913,
-32.3429

Harmonies

Analogous

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



140.4820, 29.3424, 15.3633



139.6470, 12.4990, 51.1756



137.1100, -6.4632, 66.5555

Triad

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



139.6470, 12.4990, 51.1756



131.0610, -39.4701, 13.1015



112.5310, 37.6992, -98.6897

Complementary

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



139.6470, 12.4990, 51.1756



163.3530, -12.4990, -51.1756

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.



109.2590, 20.0853, -95.8201



139.6470, 12.4990, 51.1756



125.7560, -26.9947, -21.7110

Square

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



139.6470, 12.4990, 51.1756



134.2910, -38.1045, 41.8408



111.6690, -1.8088, -73.3777



111.2720, 50.6449, -97.5855

Rectangle

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



139.6470, 12.4990, 51.1756



135.7820, -19.1195, 65.9662



111.6690, -1.8088, -73.3777



111.7500, 32.1683, -98.0047

Sweetspot

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



139.6470, 12.4990, 51.1756



232.3860, 4.7397, 19.8325



125.4690, 35.7578, 10.9897



114.1740, 2.8722, 12.1254



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.



139.6470, 12.4990, 51.1756



165.2450, 19.1062, 78.7151



134.4030, -7.5937, 55.7746



93.3750, 1.2941, 4.9331



60.7070, 21.8364, 89.7110



13.3860, 4.7397, 19.8325

Inverse Universe

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



139.6470, 12.4990, 51.1756



165.2450, 19.1062, 78.7151



168.5970, 7.5937, -55.7746



93.3750, 1.2941, 4.9331



60.7070, 21.8364, 89.7110



13.3860, 4.7397, 19.8325

Previews

White Background



This preview shows how the YUV color 139.6470, 12.4990, 51.1756 looks on a white background.

Color Contrast Check

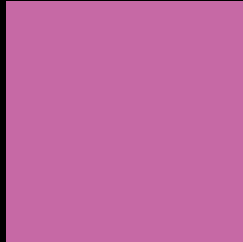
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.6470, 12.4990, 51.1756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

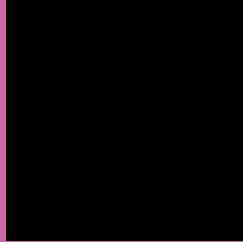
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.6470, 12.4990, 51.1756

Background



This preview shows how black text looks on a background with the YUV color 139.6470, 12.4990, 51.1756.



This preview shows how white text looks on a background with the YUV color 139.6470, 12.4990,

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

139.6470, 12.4990, 51.1756

Protanopia

137.0410, 24.6298, -13.1910

Deuteranopia

138.4590, 10.6197, 0.4745



Tritanopia

138.5330, -8.1508, 47.7676

Trichromacy



Original Color

139.6470, 12.4990, 51.1756

Protanomaly

138.0440, 20.1913, 10.4854

Deuteranomaly

138.5090, 11.5811, 18.8476

Tritanomaly

139.1940, -0.5886, 48.9419

Monochromacy



Original Color

139.6470, 12.4990, 51.1756

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.6740, 4.5977, 18.7029

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6470, 12.4990, 51.1756 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(198, 105, 165)` looks like.

```
.text, #text, p{  
    color:rgb(198, 105, 165)  
}
```

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(198, 105, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 105, 165) }
```

Border

The CSS property to change the border of an element to YUV 139.6470, 12.4990, 51.1756 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(198, 105, 165) }
```


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

```
.border{ border-color:rgb(198, 105, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 105, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 105, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 105, 165); box-shadow:4px 4px 4px 4px rgb(198, 105, 165) }
```

Background

The CSS property to change the background color of an element to YUV 139.6470, 12.4990, 51.1756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 105, 165) }
```

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

```
.background{ background-color: rgb(198,  
105, 165) }
```

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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