

Converting Colors

YUV(139.9370, 26.1601,
56.1833)

Have a look what the booklet for
YUV(139.9370, 26.1601, 56.1833)
contains.

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Color

**YUV(139.9370, 26.1601,
56.1833)**

Conversions

Conversions Part 1

Format	Color
Hex	CC61C1
RGB	204, 97, 193
RGB Percent	80%, 38%, 76%
CMY	0.2000, 0.6196, 0.2431
CMYK	0.00, 0.52, 0.05, 0.20
HSL	306°, 51%, 59%
HSV	306°, 52%, 80%
XYZ	38.8022, 25.2370, 53.2782
YIQ	139.9370, 32.9560, 52.5400

Conversions

Conversions Part 2

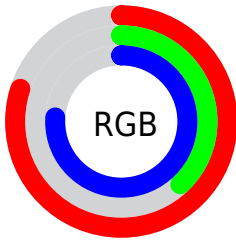
Format	Color
R_{YB}	204, 97, 193
Decimal	13394369
CIE _{Lab}	57.31, 54.94, -31.21
CIE _{LCh}	57, 63.190, 330.400
Yxy	25.2370, 0.3307, 0.2151
Android (android.graphics.Color)	4291584449 (0xFFCC61C1)
YUV	139.9370, 26.1601, 56.1833
Hunter-Lab	50.2365, 49.9580, -27.7144

Details

The YUV color **139.9370, 26.1601, 56.1833** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **161.0630, -26.1601, -56.1833**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9690, 27.6233, 53.5242**, and **83.8660, 27.1811, 55.3685** is the 20% darker color. If you saturate the color by 10%, you get **127.9690, 31.0743, 66.6792**, and if you desaturate by 10%, it is **151.9050, 21.2458, 45.6873**.

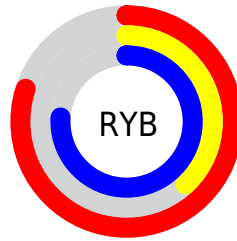
Distribution



Red (80%)

Green (38%)

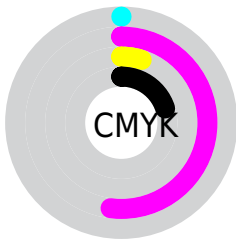
Blue (76%)



Red (80%)

Yellow (38%)

Blue (76%)

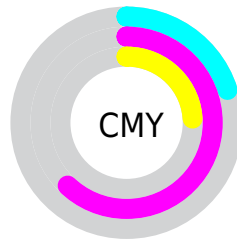


Cyan (0%)

Magenta (52%)

Yellow (5%)

Black (20%)



Cyan (20%)

Magenta (62%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.9370, 26.1601, 56.1833 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 139.9370, 26.1601, 56.1833 by changing the saturation by 10% instead.

139.9370, 26.1601,
56.1833

139.9370, 26.1601,
56.1833

255.0000, 0.0000,
0.0000

112.3390, 26.4549,
54.9537

193.9690, 27.6233,
53.5242

83.8660, 27.1811,
55.3685

210.9750, 21.7043,
38.6099

49.3490, 31.3799,
61.9609

227.4110, 13.6014,
24.1956

37.8390, 24.7294,
48.3762

244.4340, 5.2090,
9.2664

27.4430, 18.5156,
34.6915

17.6450, 12.0070,
22.2363

2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 139.9370, 26.1601,
56.1833

■ 139.9370, 26.1601,
56.1833

■ 127.9690, 31.0743,
66.6792

■ 151.9050, 21.2458,
45.6873

■ 115.4140, 36.2779,
77.6899

■ 164.4600, 16.0422,
34.6766

■ 103.4460, 41.1921,
88.1859

■ 176.4280, 11.1280,
24.1806

■ 90.8910, 46.3957,
99.1966

■ 188.9830, 5.9244,
13.1699

■ 81.8580, 49.8630,
107.1185

■ 200.9510, 1.0102,
2.6740

■ 213.0330, -3.4673,
-7.9219

■ 225.5880, -8.6709,
-18.9327

■ 234.6210,
-12.1382, -26.8546

■ 234.8490,
-11.2646, -27.0546

Harmonies

Analogous

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



139.7260, 45.9841, -2.3907



139.9370, 26.1601, 56.1833



133.3590, 2.7810, 88.2622

Triad

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



139.9370, 26.1601, 56.1833



128.2810, -63.2425, 31.3256



117.5690, 36.6945, -103.1080

Complementary

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



139.9370, 26.1601, 56.1833



161.0630, -26.1601, -56.1833

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.



111.2990, 12.6706, -97.6092



139.9370, 26.1601, 56.1833



123.5340, -47.0983, -13.6233

Square

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



139.9370, 26.1601, 56.1833



132.7300, -47.1949, 64.2578



102.4530, -11.0693, -89.8513



118.7210, 56.3395, -104.1183

Rectangle

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



139.9370, 26.1601, 56.1833



132.2010, -14.3961, 91.0317



102.4530, -11.0693, -89.8513



115.6310, 29.2689, -101.4084

Sweetspot

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



139.9370, 26.1601, 56.1833



230.4770, 10.1178, 21.5067



112.4870, 45.1159, -3.9351



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.



139.9370, 26.1601, 56.1833



158.5550, 39.1664, 84.5823



133.8950, 3.0098, 61.4821



96.0160, 2.4571, 5.2480



66.6200, 40.6133, 87.1563



15.2380, 9.2497, 19.9623

Inverse Universe

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



139.9370, 26.1601, 56.1833



158.5550, 39.1664, 84.5823



167.1050, -3.0098, -61.4821



96.0160, 2.4571, 5.2480



66.6200, 40.6133, 87.1563



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 139.9370, 26.1601, 56.1833 looks on a white background.

Color Contrast Check

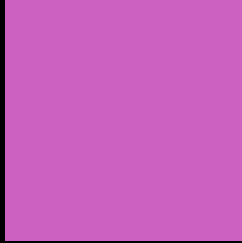
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.9370, 26.1601, 56.1833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

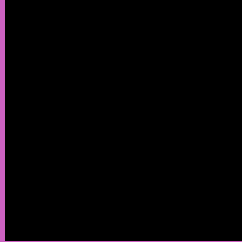
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.9370, 26.1601, 56.1833

Background



This preview shows how black text looks on a background with the YUV color 139.9370, 26.1601, 56.1833.



This preview shows how white text looks on a background with the YUV color 139.9370, 26.1601, 56.1833.

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

139.9370, 26.1601, 56.1833

Protanopia

135.6920, 44.0288, -28.6709

Deuteranopia

138.1120, 23.6088, -12.3762



Tritanopia

139.4300, -8.5930, 49.6119

Trichromacy



Original Color

139.9370, 26.1601, 56.1833



Protanomaly

137.1690, 37.3847, 2.4828



Deuteranomaly

138.9070, 24.6958, 12.3596



Tritanomaly

139.7690, 4.0579, 51.9456

Monochromacy



Original Color

139.9370, 26.1601, 56.1833



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

139.6510, 9.5391, 20.4771

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.9370, 26.1601, 56.1833 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(204, 97, 193)` looks like.

```
.text, #text, p{  
    color:rgb(204, 97, 193)  
}
```

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(204, 97, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 97, 193) }
```

Border

The CSS property to change the border of an element to YUV 139.9370, 26.1601, 56.1833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

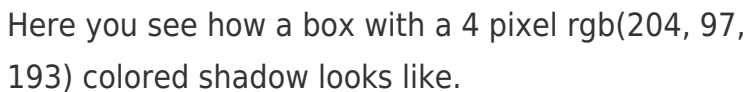
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 97, 193) }
```


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

```
.border{ border-color:rgb(204, 97, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 97, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 97, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 97, 193); box-shadow:4px 4px 4px 4px rgb(204, 97, 193) }
```

Background

The CSS property to change the background color of an element to YUV 139.9370, 26.1601, 56.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 97, 193) }
```

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

```
.background{ background-color: rgb(204, 97,  
193) }
```

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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