

Converting Colors

YUV(105.2690, 5.7834, 58.5231)

Have a look what the booklet for
YUV(105.2690, 5.7834, 58.5231)
contains.

| | |
|--|----|
| YUV(105.2690, 5.7834, 58.5231) | 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(105.2690, 5.7834,
58.5231)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AC4575 |
| RGB | 172, 69, 117 |
| RGB Percent | 67%, 27%, 46% |
| CMY | 0.3255, 0.7294, 0.5412 |
| CMYK | 0.00, 0.60, 0.32, 0.33 |
| HSL | 332°, 43%, 47% |
| HSV | 332°, 60%, 67% |
| XYZ | 22.3523, 14.3113, 18.4139 |
| YIQ | 105.2690, 45.9800, 36.7640 |

Conversions

Conversions Part 2

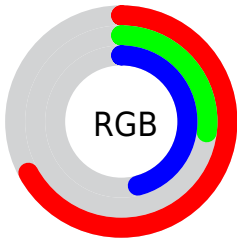
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 172, 69, 117 |
| Decimal | 11289973 |
| CIE _{Lab} | 44.68, 47.09, -5.99 |
| CIE _{LCh} | 45, 47.469, 352.754 |
| Yxy | 14.3113, 0.4058, 0.2598 |
| Android (android.graphics.Color) | 4289480053 (0xFFAC4575) |
| YUV | 105.2690, 5.7834, 58.5231 |
| Hunter-Lab | 37.8302, 39.2652, -2.3783 |

Details

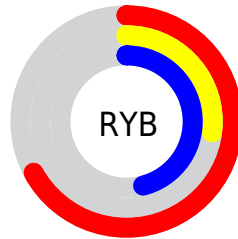
The YUV color **105.2690, 5.7834, 58.5231** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **135.7310, -5.7834, -58.5231**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6500, 4.6096, 61.6970**, and **47.2460, 10.7247, 60.2973** is the 20% darker color. If you saturate the color by 10%, you get **94.2640, 6.7718, 68.1745**, and if you desaturate by 10%, it is **116.2740, 4.7949, 48.8717**.

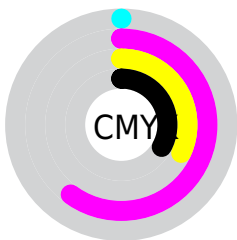
Distribution



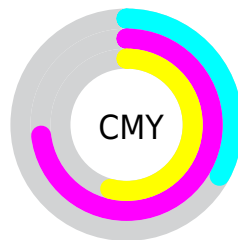
- Red (67%)
- Green (27%)
- Blue (46%)



- Red (67%)
- Yellow (27%)
- Blue (46%)



- Cyan (0%)
- Magenta (60%)
- Yellow (32%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.2690, 5.7834, 58.5231 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 105.2690, 5.7834, 58.5231 by changing the saturation by 10% instead.

105.2690, 5.7834,
58.5231

105.2690, 5.7834,
58.5231

255.0000, 0.0000,
0.0000

78.1980, 6.8044,
57.7084

159.6500, 4.6096,
61.6970

47.2460, 10.7247,
60.2973

186.0520, 4.9044,
60.4674

31.9690, 7.4103,
50.0162

205.6800, 9.0318,
43.2536

21.8010, 2.0701,
36.1315

225.4220, 13.5960,
25.9399

11.4760, -5.1647,
23.2615

242.6730, 6.0772,
10.8108

0.0000, 0.0000,
0.0000

■ 105.2690, 5.7834,
58.5231

■ 105.2690, 5.7834,
58.5231

■ 94.2640, 6.7718,
68.1745

■ 116.2740, 4.7949,
48.8717

■ 83.2590, 7.7603,
77.8259

■ 127.2790, 3.8065,
39.2203

■ 71.5530, 8.6014,
88.0920

■ 138.9850, 2.9654,
28.9542

■ 60.5480, 9.5898,
97.7434

■ 149.9900, 1.9769,
19.3028

■ 160.9950, 0.9885,
9.6514

■ 172.0000, 0.0000,
0.0000

■ 183.0050, -0.9885,
-9.6514

■ 194.5970, -2.2663,

-19.8176

■ 205.7160, -2.8180,
-29.5689

Harmonies

Analogous

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



108.7460, 22.3102, 30.9178



105.2690, 5.7834, 58.5231



103.3780, -13.0044, 64.5665

Triad

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



105.2690, 5.7834, 58.5231



98.0700, -36.5165, -0.9384



90.1790, 38.3658, -79.0870

Complementary

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



105.2690, 5.7834, 58.5231



135.7310, -5.7834, -58.5231

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.



88.1780, 23.0832, -77.3321



105.2690, 5.7834, 58.5231



90.1650, -17.3363, -39.6097

Square

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



105.2690, 5.7834, 58.5231



100.9320, -40.3925, 29.0006



83.5040, 5.1745, -73.2330



87.3070, 47.6696, -76.5682

Rectangle

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



105.2690, 5.7834, 58.5231



103.0600, -24.1866, 57.8294



83.5040, 5.1745, -73.2330



90.3270, 33.8558, -79.2168

Sweetspot

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



105.2690, 5.7834, 58.5231



198.1260, 2.4029, 22.6915



97.1870, 36.8828, 23.5150



96.4300, 1.2670, 13.6549



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



105.2690, 5.7834, 58.5231



119.6890, 9.0273, 91.4807



101.5580, -16.0511, 61.7776



81.1470, 0.4205, 5.1331



52.8300, 8.4648, 85.2181



8.1310, 1.4144, 13.0401

Inverse Universe

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



105.2690, 5.7834, 58.5231



119.6890, 9.0273, 91.4807



139.4420, 16.0511, -61.7776



81.1470, 0.4205, 5.1331



52.8300, 8.4648, 85.2181



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 105.2690, 5.7834, 58.5231 looks on a white background.

Color Contrast Check

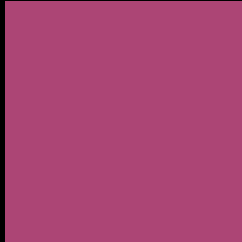
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 105.2690, 5.7834, 58.5231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

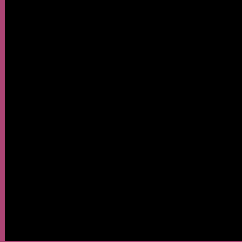
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.2690, 5.7834, 58.5231

Background



This preview shows how black text looks on a background with the YUV color 105.2690, 5.7834, 58.5231.



This preview shows how white text looks on a background with the YUV color 105.2690, 5.7834,

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

105.2690, 5.7834, 58.5231

Protanopia

106.4130, 17.0514, -9.1322

Deuteranopia

107.3150, 2.3097, 5.8627



Tritanopia

105.0780, -11.3775, 56.0596

Trichromacy



Original Color

105.2690, 5.7834, 58.5231

Protanomaly

106.1280, 12.7549, 15.6737

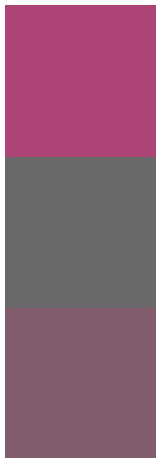
Deuteranomaly

106.7780, 3.5604, 24.7507

Tritanomaly

105.0980, -4.9783, 56.9191

Monochromacy



Original Color

105.2690, 5.7834, 58.5231

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0010, 1.9715, 21.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.2690, 5.7834, 58.5231 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(172, 69, 117)` looks like.

```
.text, #text, p{  
    color:rgb(172, 69, 117)  
}
```

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(172, 69, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 69, 117) }
```

Border

The CSS property to change the border of an element to YUV 105.2690, 5.7834, 58.5231 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(172, 69, 117) }
```


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

```
.border{ border-color:rgb(172, 69, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 69, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 69, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 69, 117);  
box-shadow:4px 4px 4px 4px rgb(172, 69,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 105.2690, 5.7834, 58.5231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 69, 117) }
```

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

```
.background{ background-color: rgb(172, 69,  
117) }
```

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