

Converting Colors

YUV(137.7280, -0.3589,
68.6445)

Have a look what the booklet for
YUV(137.7280, -0.3589, 68.6445)
contains.

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Color

**YUV(137.7280, -0.3589,
68.6445)**

Conversions

Conversions Part 1

Format	Color
Hex	D86289
RGB	216, 98, 137
RGB Percent	85%, 38%, 54%
CMY	0.1529, 0.6157, 0.4627
CMYK	0.00, 0.55, 0.37, 0.15
HSL	340°, 60%, 62%
HSV	340°, 55%, 85%
XYZ	37.2019, 25.1404, 26.5587
YIQ	137.7280, 57.8090, 37.1450

Conversions

Conversions Part 2

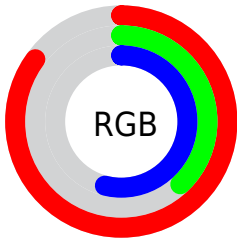
Format	Color
R _Y B	216, 98, 137
Decimal	14181001
CIE Lab	57.21, 50.18, 1.27
CIE LCh	57, 50.193, 1.444
Yxy	25.1404, 0.4185, 0.2828
Android (android.graphics.Color)	4292371081 (0xFFD86289)
YUV	137.7280, -0.3589, 68.6445
Hunter-Lab	50.1402, 44.6940, 3.6929

Details

The YUV color **137.7280, -0.3589, 68.6445** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **176.2720, 0.3589, -68.6445**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1290, 1.4154, 59.5229**, and **82.4010, 2.2673, 66.3003** is the 20% darker color. If you saturate the color by 10%, you get **123.2180, -0.1075, 81.3698**, and if you desaturate by 10%, it is **152.2380, -0.6103, 55.9193**.

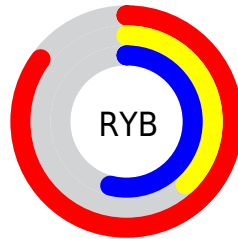
Distribution



Red (85%)

Green (38%)

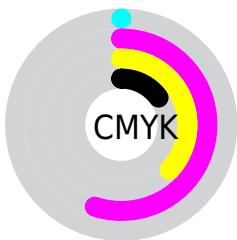
Blue (54%)



Red (85%)

Yellow (38%)

Blue (54%)

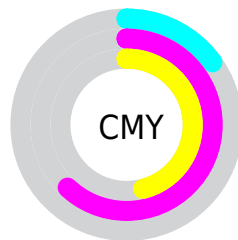


Cyan (0%)

Magenta (55%)

Yellow (37%)

Black (15%)



Cyan (15%)

Magenta (62%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7280, -0.3589, 68.6445 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 137.7280, -0.3589, 68.6445 by changing the saturation by 10% instead.

137.7280, -0.3589,
68.6445

137.7280, -0.3589,
68.6445

255.0000, 0.0000,
0.0000

110.3580, 0.8095,
67.2150

187.1290, 1.4154,
59.5229

82.4010, 2.2673,
66.3003

206.7570, 5.5428,
42.3091

49.3890, 7.2032,
69.8188

226.9720, 9.3808,
24.5806

34.9870, 3.4574,
57.8934

245.0210, 4.9196,
8.7516

24.3350, -1.1512,
42.6792

14.8790, -6.3493,
29.9241

0.0000, 0.0000,

0.0000

■ 137.7280, -0.3589,
68.6445

■ 137.7280, -0.3589,
68.6445

■ 123.2180, -0.1075,
81.3698

■ 152.2380, -0.6103,
55.9193

■ 109.1810, -0.5822,
93.6803

■ 166.2750, -0.1356,
43.6088

■ 94.6710, -0.3308,
106.4055

■ 180.7850, -0.3870,
30.8836

■ 80.6340, -0.8056,
118.7160

■ 194.8220, 0.0878,
18.5731

■ 72.6780, -0.8273,
125.6934

■ 209.3320, -0.1637,
5.8478

■ 223.9560, 0.0217,
-6.9774

■ 237.8790, 0.0597,
-19.1879

■ 243.1110, 4.8753,
-23.7763

■ 243.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



140.7370, 19.3567, 44.9577



137.7280, -0.3589, 68.6445



136.0490, -20.7302, 69.2400

Triad

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



137.7280, -0.3589, 68.6445



127.8730, -34.4474, -11.2896



114.2070, 49.1979, -100.1595

Complementary

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



137.7280, -0.3589, 68.6445



176.2720, 0.3589, -68.6445

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.



113.4940, 33.7735, -99.5342



137.7280, -0.3589, 68.6445



117.8360, -11.7511, -57.7382

Square

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



137.7280, -0.3589, 68.6445



132.3890, -43.5758, 23.3378



109.0650, 14.2650, -95.6500



121.5730, 50.9895, -68.0315

Rectangle

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



137.7280, -0.3589, 68.6445



135.5950, -32.3383, 59.1142



109.0650, 14.2650, -95.6500



114.3550, 44.6880, -100.2893

Sweetspot

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



137.7280, -0.3589, 68.6445



227.8550, 0.0715, 23.8062



135.0730, 39.8970, 36.7700



111.3870, -0.1908, 14.5696



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.



137.7280, -0.3589, 68.6445



143.5020, -0.7405, 97.7837



145.0220, -23.1818, 62.2477



99.7450, 0.1257, 6.3626



57.5130, -0.7459, 99.5281



14.4530, -0.2233, 25.0357

Inverse Universe

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



137.7280, -0.3589, 68.6445



143.5020, -0.7405, 97.7837



168.9780, 23.1818, -62.2477



99.7450, 0.1257, 6.3626



57.5130, -0.7459, 99.5281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 137.7280, -0.3589, 68.6445 looks on a white background.

Color Contrast Check

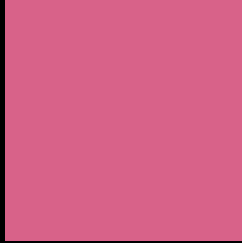
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.7280, -0.3589, 68.6445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

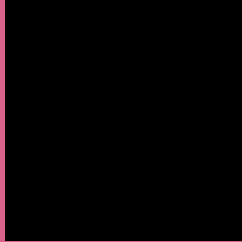
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.7280, -0.3589, 68.6445

Background



This preview shows how black text looks on a background with the YUV color 137.7280, -0.3589, 68.6445.



This preview shows how white text looks on a background with the YUV color 137.7280, -0.3589,

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

137.7280, -0.3589, 68.6445

Protanopia

138.4260, 10.6360, -4.7586

Deuteranopia

139.0510, -3.9691, 13.1103



Tritanopia

136.9870, -13.3046, 67.5404

Trichromacy



Original Color

137.7280, -0.3589, 68.6445

Protanomaly

138.2660, 6.7709, 21.6917

Deuteranomaly

138.5250, -2.7238, 33.7426

Tritanomaly

137.2520, -8.5052, 68.1850

Monochromacy



Original Color

137.7280, -0.3589, 68.6445

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.5670, 0.2135, 24.9357

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7280, -0.3589, 68.6445 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(216, 98, 137)` looks like.

```
.text, #text, p{  
    color:rgb(216, 98, 137)  
}
```

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(216, 98, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 98, 137) }
```

Border

The CSS property to change the border of an element to YUV 137.7280, -0.3589, 68.6445 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(216, 98, 137) }
```


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

```
.border{ border-color:rgb(216, 98, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 98, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 98, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 98, 137); box-shadow:4px 4px 4px 4px rgb(216, 98, 137) }
```

Background

The CSS property to change the background color of an element to YUV 137.7280, -0.3589, 68.6445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 98, 137) }
```

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

```
.background{ background-color: rgb(216, 98,  
137) }
```

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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