

Converting Colors

YUV(142.6690, -4.2738,
64.3113)

Have a look what the booklet for
YUV(142.6690, -4.2738, 64.3113)
contains.

YUV(142.6690, -4.2738, 64.3113)	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(142.6690, -4.2738,
64.3113)**

Conversions

Conversions Part 1

Format	Color
Hex	D86B86
RGB	216, 107, 134
RGB Percent	85%, 42%, 53%
CMY	0.1529, 0.5804, 0.4745
CMYK	0.00, 0.50, 0.38, 0.15
HSL	345°, 58%, 63%
HSV	345°, 50%, 85%
XYZ	37.8797, 26.8356, 25.7376
YIQ	142.6690, 56.2970, 31.5050

Conversions

Conversions Part 2

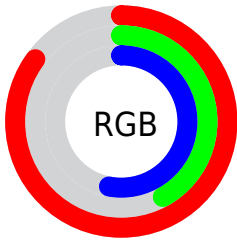
Format	Color
RYB	216, 107, 134
Decimal	14183302
CIELab	58.82, 45.45, 5.34
CIELCh	59, 45.758, 6.704
Yxy	26.8356, 0.4188, 0.2967
Android (android.graphics.Color)	4292373382 (0xFFD86B86)
YUV	142.6690, -4.2738, 64.3113
Hunter-Lab	51.8030, 39.8683, 6.8048

Details

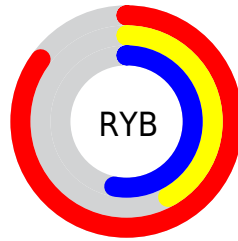
The YUV color **142.6690, -4.2738, 64.3113** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **180.3310, 4.2738, -64.3113**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0700, -2.4995, 55.1896**, and **88.6300, -1.7896, 60.8375** is the 20% darker color. If you saturate the color by 10%, you get **127.9310, -4.8960, 77.2365**, and if you desaturate by 10%, it is **157.4070, -3.6517, 51.3861**.

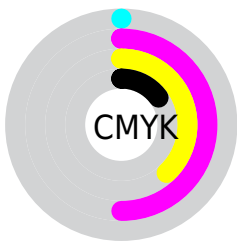
Distribution



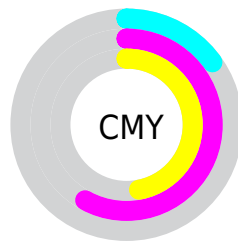
- Red (85%)
- Green (42%)
- Blue (53%)



- Red (85%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (50%)
- Yellow (38%)
- Black (15%)




- Cyan (15%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.6690, -4.2738, 64.3113 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 142.6690, -4.2738, 64.3113 by changing the saturation by 10% instead.


 142.6690, -4.2738,
64.3113

 142.6690, -4.2738,
64.3113


255.0000, 0.0000,
0.0000


 115.8860, -3.3948,
62.3670


 192.0700, -2.4995,
55.1896

 88.6300, -1.7896,
60.8375


 211.6980, 1.6279,
37.9759


 60.9010, 0.5418,
59.7228

 231.3260, 5.7553,
20.7621

 35.0580, 2.4364,
58.7081

 250.3040, 2.3151,
4.1184

 24.4060, -2.1722,
43.4939

 15.1780, -6.4968,
30.5389

 0.0000, 0.0000,

0.0000

■ 142.6690, -4.2738,
64.3113

■ 142.6690, -4.2738,
64.3113

■ 127.9310, -4.8960,
77.2365

■ 157.4070, -3.6517,
51.3861

■ 113.7800, -5.8075,
89.6469

■ 171.5580, -2.7401,
38.9756

■ 98.9280, -6.8665,
102.6721

■ 186.4100, -1.6811,
25.9504

■ 84.7770, -7.7781,
115.0826

■ 200.5610, -0.7696,
13.5400

■ 70.7400, -8.2528,
127.3930

■ 215.2990, -0.1474,
0.6148

■ 230.0370, 0.4748,
-12.3104

■ 242.5410, 2.6913,
-23.2765

■ 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.



145.3690, 14.1151, 46.1574



142.6690, -4.2738, 64.3113



141.2500, -22.3082, 62.0478

Triad

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



142.6690, -4.2738, 64.3113



132.3330, -28.7582, -16.0780



114.9080, 49.3454, -100.7743

Complementary

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



142.6690, -4.2738, 64.3113



180.3310, 4.2738, -64.3113

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.



115.3520, 35.8155, -101.1637



142.6690, -4.2738, 64.3113



122.0900, -6.9464, -58.8379

Square

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



142.6690, -4.2738, 64.3113



136.6100, -38.7547, 17.0050



112.1940, 18.6384, -98.3941



135.1480, 42.3250, -42.2258

Rectangle

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



142.6690, -4.2738, 64.3113



140.2520, -32.1692, 51.5220



112.1940, 18.6384, -98.3941



115.8710, 45.4196, -101.6189

Sweetspot

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



142.6690, -4.2738, 64.3113



229.3880, -1.6703, 22.4617



143.9440, 35.5236, 39.5141



112.4470, -1.2064, 13.6400



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.



142.6690, -4.2738, 64.3113



150.0900, -5.9604, 92.0061



155.4400, -23.8809, 53.1111



99.6310, -0.3111, 6.4626



55.9170, -6.8611, 100.9278



14.1110, -1.5337, 25.3357

Inverse Universe

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



142.6690, -4.2738, 64.3113



150.0900, -5.9604, 92.0061



167.5600, 23.8809, -53.1111



99.6310, -0.3111, 6.4626



55.9170, -6.8611, 100.9278



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 142.6690, -4.2738, 64.3113 looks on a white background.

Color Contrast Check

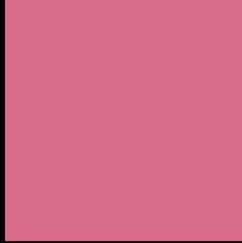
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.6690, -4.2738, 64.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

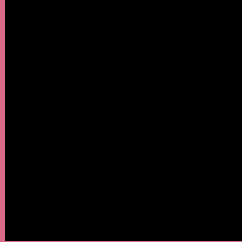
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.6690, -4.2738, 64.3113

Background



This preview shows how black text looks on a background with the YUV color 142.6690, -4.2738, 64.3113.



This preview shows how white text looks on a background with the YUV color 142.6690, -4.2738,

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

142.6690, -4.2738, 64.3113

Protanopia

142.4820, 5.6784, -1.2997

Deuteranopia

142.9650, -6.8847, 14.9397



Tritanopia

142.3070, -11.9834, 63.7518

Trichromacy



Original Color

142.6690, -4.2738, 64.3113

Protanomaly

142.7130, 2.1135, 22.1767

Deuteranomaly

142.7160, -5.7760, 32.6981

Tritanomaly

142.4040, -9.0732, 63.6667

Monochromacy



Original Color

142.6690, -4.2738, 64.3113

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.1000, -1.5283, 23.5913

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.6690, -4.2738, 64.3113 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, 107, 134)` looks like.

```
.text, #text, p{  
    color:rgb(216, 107, 134)  
}
```

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, 107, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 107, 134) }
```

Border

The CSS property to change the border of an element to YUV 142.6690, -4.2738, 64.3113 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, 107, 134) }
```


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

```
.border{ border-color:rgb(216, 107, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 107, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 107, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 107, 134);  
box-shadow:4px 4px 4px 4px rgb(216, 107,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 142.6690, -4.2738, 64.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 107, 134) }
```

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

```
.background{ background-color: rgb(216,  
107, 134) }
```

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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