

Converting Colors

YUV(142.1690, 17.6647,
74.3968)

Have a look what the booklet for
YUV(142.1690, 17.6647, 74.3968)
contains.

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Color

**YUV(142.1690, 17.6647,
74.3968)**

Conversions

Conversions Part 1

Format	Color
Hex	E35CB2
RGB	227, 92, 178
RGB Percent	89%, 36%, 70%
CMY	0.1098, 0.6392, 0.3020
CMYK	0.00, 0.59, 0.22, 0.11
HSL	322°, 71%, 63%
HSV	322°, 59%, 89%
XYZ	43.5416, 27.1995, 45.0746
YIQ	142.1690, 52.8540, 55.3660

Conversions

Conversions Part 2

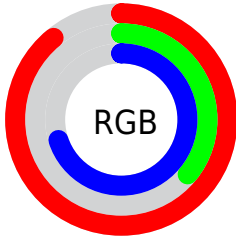
Format	Color
R _Y B	227, 92, 178
Decimal	14900402
CIE Lab	59.16, 61.48, -19.47
CIE LCh	59, 64.493, 342.425
Yxy	27.1995, 0.3760, 0.2349
Android (android.graphics.Color)	4293090482 (0xFFE35CB2)
YUV	142.1690, 17.6647, 74.3968
Hunter-Lab	52.1532, 57.7578, -14.7356

Details

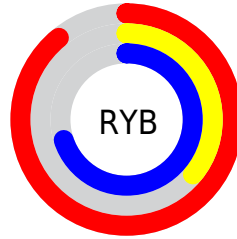
The YUV color **142.1690, 17.6647, 74.3968** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **176.8310, -17.6647, -74.3968**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7970, 21.7921, 57.1830**, and **82.0920, 21.1536, 75.3413** is the 20% darker color. If you saturate the color by 10%, you get **127.7560, 20.8263, 87.0370**, and if you desaturate by 10%, it is **156.5820, 14.5031, 61.7566**.

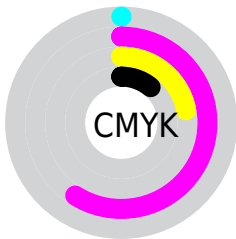
Distribution



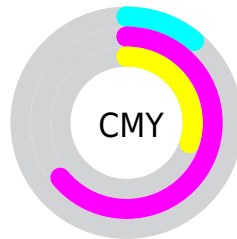
- Red (89%)
- Green (36%)
- Blue (70%)



- Red (89%)
- Yellow (36%)
- Blue (70%)



- Cyan (0%)
- Magenta (59%)
- Yellow (22%)
- Black (11%)



- Cyan (11%)
- Magenta (64%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.1690, 17.6647, 74.3968 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 142.1690, 17.6647, 74.3968 by changing the saturation by 10% instead.

142.1690, 17.6647,
74.3968

142.1690, 17.6647,
74.3968

255.0000, 0.0000,
0.0000

113.0980, 18.6857,
73.5821

189.7970, 21.7921,
57.1830

82.0920, 21.1536,
75.3413

209.2140, 22.5725,
40.1543

53.2600, 23.0428,
76.0710

226.2370, 14.1802,
25.2252

42.1520, 16.6871,
61.2567

243.2600, 5.7878,
10.2960

31.1580, 10.7681,
46.3424

21.2890, 5.2805,
33.0725

8.7140, -2.8170,

16.9138

■ 0.0000, 0.0000,
0.0000

■ 142.1690, 17.6647,
74.3968

■ 142.1690, 17.6647,
74.3968

■ 127.7560, 20.8263,
87.0370

■ 156.5820, 14.5031,
61.7566

■ 113.9300, 23.6985,
99.1624

■ 170.4080, 11.6309,
49.6312

■ 99.4030, 26.4233,
111.9026

■ 184.9350, 8.9060,
36.8910

■ 84.9900, 29.5849,
124.5428

■ 199.3480, 5.7444,
24.2508

■ 84.4030, 29.8743,
125.0576

■ 213.7610, 2.5828,
11.6106

■ 227.5870, -0.2894,
-0.5148

■ 242.1140, -3.0142,
-13.2550

■ 245.3740, -0.6774,
-16.1140

■ 246.2860, 2.8170,
-16.9138

Harmonies

Analogous

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



146.2950, 39.7876, 25.1743



142.1690, 17.6647, 74.3968



137.2320, -8.0024, 93.6355

Triad

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



142.1690, 17.6647, 74.3968



130.5410, -64.3567, 15.3115



122.8810, 46.8937, -107.7666

Complementary

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



142.1690, 17.6647, 74.3968



176.8310, -17.6647, -74.3968

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.



118.0130, 23.1646, -103.4974



142.1690, 17.6647, 74.3968



124.8500, -36.4080, -35.8254

Square

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



142.1690, 17.6647, 74.3968



135.7320, -57.0559, 53.7320



110.1130, -2.0277, -96.5691



121.2460, 63.4757, -106.3327

Rectangle

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



142.1690, 17.6647, 74.3968



137.2040, -25.7366, 88.3981



110.1130, -2.0277, -96.5691



121.6440, 39.6155, -106.6818

Sweetspot

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



142.1690, 17.6647, 74.3968



226.0600, 5.8864, 25.3804



121.4430, 52.0396, 15.3975



109.7230, 3.5876, 16.0289



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.



142.1690, 17.6647, 74.3968



141.2290, 23.5511, 99.7772



134.6450, -11.1640, 80.9953



107.5000, 1.7255, 6.5775



66.5170, 23.4091, 98.6476



18.8970, 6.4598, 28.1543

Inverse Universe

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



142.1690, 17.6647, 74.3968



141.2290, 23.5511, 99.7772



184.3550, 11.1640, -80.9953



107.5000, 1.7255, 6.5775



66.5170, 23.4091, 98.6476



18.8970, 6.4598, 28.1543

Previews

White Background



This preview shows how the YUV color 142.1690, 17.6647, 74.3968 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 142.1690, 17.6647, 74.3968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

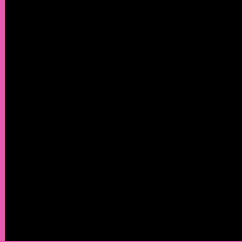
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.1690, 17.6647, 74.3968

Background



This preview shows how black text looks on a background with the YUV color 142.1690, 17.6647, 74.3968.



This preview shows how white text looks on a background with the YUV color 142.1690, 17.6647, 74.3968.

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

142.1690, 17.6647, 74.3968

Protanopia

141.8580, 35.5660, -20.9235

Deuteranopia

144.4310, 13.0985, -1.2550



Tritanopia

141.9980, -13.3100, 69.2848

Trichromacy



Original Color

142.1690, 17.6647, 74.3968



Protanomaly

142.3570, 28.9110, 13.7189



Deuteranomaly

144.0630, 14.7589, 26.2547



Tritanomaly

142.2830, -2.1115, 70.7888

Monochromacy



Original Color

142.1690, 17.6647, 74.3968



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.1850, 6.3178, 27.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1690, 17.6647, 74.3968 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(227, 92, 178)` looks like.

```
.text, #text, p{  
    color:rgb(227, 92, 178)  
}
```

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(227, 92, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 92, 178) }
```

Border

The CSS property to change the border of an element to YUV 142.1690, 17.6647, 74.3968 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(227, 92, 178) }
```


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

```
.border{ border-color:rgb(227, 92, 178) }
```

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

Here you see how a box with a 4 pixel rgb(227, 92, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 92, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 92, 178);  
box-shadow:4px 4px 4px 4px rgb(227, 92,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 142.1690, 17.6647, 74.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 92, 178) }
```

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

```
.background{ background-color: rgb(227, 92,  
178) }
```

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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