

Converting Colors

YUV(140.9350, 36.0210,
66.7090)

Have a look what the booklet for
YUV(140.9350, 36.0210, 66.7090)
contains.

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Color

**YUV(140.9350, 36.0210,
66.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	D958D6
RGB	217, 88, 214
RGB Percent	85%, 35%, 84%
CMY	0.1490, 0.6549, 0.1608
CMYK	0.00, 0.59, 0.01, 0.15
HSL	301°, 63%, 60%
HSV	301°, 59%, 85%
XYZ	44.2426, 26.5862, 66.4181
YIQ	140.9350, 36.4380, 66.5340

Conversions

Conversions Part 2

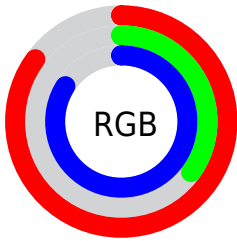
Format	Color
R _Y B	217, 88, 214
Decimal	14244054
CIE Lab	58.59, 65.99, -41.02
CIE LCh	59, 77.701, 328.138
Yxy	26.5862, 0.3224, 0.1937
Android (android.graphics.Color)	4292434134 (0xFFD958D6)
YUV	140.9350, 36.0210, 66.7090
Hunter-Lab	51.5618, 62.9287, -40.2798

Details

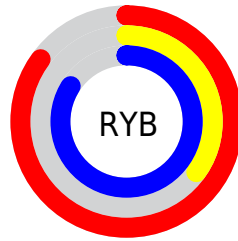
The YUV color **140.9350, 36.0210, 66.7090** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **164.0650, -36.0210, -66.7090**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4300, 31.8330, 56.6279**, and **78.5810, 39.6466, 70.5275** is the 20% darker color. If you saturate the color by 10%, you get **127.9070, 41.9508, 78.1346**, and if you desaturate by 10%, it is **153.9630, 30.0912, 55.2834**.

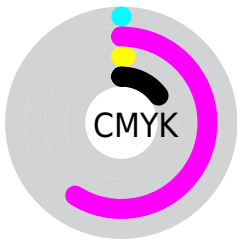
Distribution



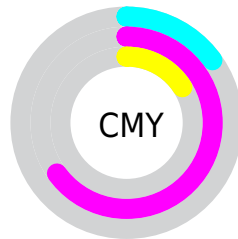
- Red (85%)
- Green (35%)
- Blue (84%)



- Red (85%)
- Yellow (35%)
- Blue (84%)



- Cyan (0%)
- Magenta (59%)
- Yellow (1%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.9350, 36.0210, 66.7090 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 140.9350, 36.0210, 66.7090 by changing the saturation by 10% instead.


 140.9350, 36.0210,
66.7090


 140.9350, 36.0210,
66.7090


255.0000, 0.0000,
0.0000


 111.4620, 36.7472,
67.1238


 190.4300, 31.8330,
56.6279


 78.5810, 39.6466,
70.5275


 206.8660, 23.7301,
42.2135


 54.2170, 38.3470,
67.3387

 223.8890, 15.3377,
27.2843

 42.8810, 31.1177,
52.7244

 241.4990, 6.6560,
11.8404

 32.0720, 24.6145,
38.5249

 21.8610, 17.8165,
25.5549

 8.7740, 12.9294,

6.3372

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 140.9350, 36.0210,
66.7090

■ 140.9350, 36.0210,
66.7090

■ 127.9070, 41.9508,
78.1346

■ 153.9630, 30.0912,
55.2834

■ 115.5800, 48.0281,
88.9453

■ 166.2900, 24.0140,
44.4727

■ 102.5520, 53.9579,
100.3709

■ 179.3180, 18.0842,
33.0471

■ 89.6380, 60.3245,
111.6965

■ 192.2320, 11.7176,
21.7215

89.0510, 60.6139,
112.2113

205.2600, 5.7878,
10.2960

217.5870, -0.2894,
-0.5148

230.6150, -6.2192,
-11.9404

239.4200,
-10.5601, -19.6623

239.5340,
-10.1233, -19.7623

Harmonies

Analogous

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



139.8200, 56.7837, -12.9971



140.9350, 36.0210, 66.7090



127.1630, 10.2726, 112.1130

Triad

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



140.9350, 36.0210, 66.7090



132.4450, -65.2954, 36.4437



123.6330, 39.6209, -108.4261

Complementary

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



140.9350, 36.0210, 66.7090



164.0650, -36.0210, -66.7090

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.



115.0660, 9.3345, -100.9129



140.9350, 36.0210, 66.7090



122.9780, -60.6282, -14.0127

Square

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



140.9350, 36.0210, 66.7090



130.8280, -62.5262, 81.7118



104.6240, -20.5206, -91.7552



125.9250, 63.6340, -110.4362

Rectangle

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



140.9350, 36.0210, 66.7090



124.9680, -10.8302, 114.0381



104.6240, -20.5206, -91.7552



121.1250, 30.0114, -106.2266

Sweetspot

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



140.9350, 36.0210, 66.7090



227.8840, 12.8752, 23.7807



103.3040, 56.0521, -11.6676



110.8630, 7.9555, 15.0291



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.



140.9350, 36.0210, 66.7090



148.2970, 50.6326, 93.5785



133.6390, 8.0660, 73.1076



103.4290, 2.7465, 5.7628



70.9930, 48.3175, 89.4601



18.8840, 12.8752, 23.7807

Inverse Universe

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



140.9350, 36.0210, 66.7090



148.2970, 50.6326, 93.5785



171.3610, -8.0660, -73.1076



103.4290, 2.7465, 5.7628



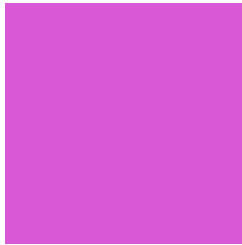
70.9930, 48.3175, 89.4601



18.8840, 12.8752, 23.7807

Previews

White Background



This preview shows how the YUV color 140.9350, 36.0210, 66.7090 looks on a white background.

Color Contrast Check

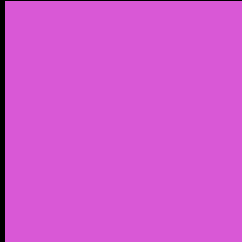
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.9350, 36.0210, 66.7090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

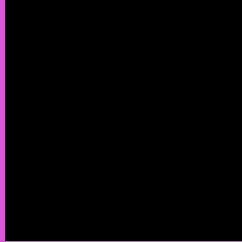
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.9350, 36.0210, 66.7090

Background



This preview shows how black text looks on a background with the YUV color 140.9350, 36.0210, 66.7090.



This preview shows how white text looks on a background with the YUV color 140.9350, 36.0210,

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

140.9350, 36.0210, 66.7090

Protanopia

134.6050, 59.3547, -44.3806

Deuteranopia

139.9350, 32.0770, -21.8680



Tritanopia

141.8330, -9.7777, 56.2745

Trichromacy



Original Color

140.9350, 36.0210, 66.7090



Protanomaly

136.6810, 50.9363, -4.1052



Deuteranomaly

140.1870, 33.4318, 10.3600



Tritanomaly

141.5080, 6.6516, 60.0675

Monochromacy



Original Color

140.9350, 36.0210, 66.7090



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

141.2970, 13.1646, 24.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.9350, 36.0210, 66.7090 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(217, 88, 214)` looks like.

```
.text, #text, p{  
    color:rgb(217, 88, 214)  
}
```

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(217, 88, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 88, 214) }
```

Border

The CSS property to change the border of an element to YUV 140.9350, 36.0210, 66.7090 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(217, 88, 214) }
```


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

```
.border{ border-color:rgb(217, 88, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 88, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 88, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 88, 214);  
box-shadow:4px 4px 4px 4px rgb(217, 88,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 140.9350, 36.0210, 66.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 88, 214) }
```

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

```
.background{ background-color: rgb(217, 88,  
214) }
```

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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