

Converting Colors

YUV(131.7610, 36.5998,
67.7386)

Have a look what the booklet for
YUV(131.7610, 36.5998, 67.7386)
contains.

| | |
|--|----|
| YUV(131.7610, 36.5998, 67.7386) | 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(131.7610, 36.5998,
67.7386)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D14ECE |
| RGB | 209, 78, 206 |
| RGB Percent | 82%, 31%, 81% |
| CMY | 0.1804, 0.6941, 0.1922 |
| CMYK | 0.00, 0.63, 0.01, 0.18 |
| HSL | 301°, 59%, 56% |
| HSV | 301°, 63%, 82% |
| XYZ | 40.1595, 23.4603, 60.8042 |
| YIQ | 131.7610, 36.9880, 67.5800 |

Conversions

Conversions Part 2

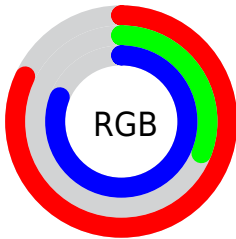
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 209, 78, 206 |
| Decimal | 13717198 |
| CIE Lab | 55.54, 66.82, -41.35 |
| CIE LCh | 56, 78.574, 328.250 |
| Yxy | 23.4603, 0.3228, 0.1886 |
| Android (android.graphics.Color) | 4291907278 (0xFFD14ECE) |
| YUV | 131.7610, 36.5998, 67.7386 |
| Hunter-Lab | 48.4359, 63.2364, -40.5249 |

Details

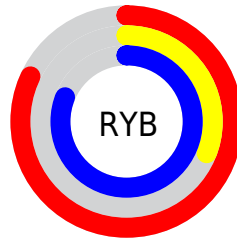
The YUV color **131.7610, 36.5998, 67.7386** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **155.2390, -36.5998, -67.7386**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5600, 34.7269, 61.7759**, and **62.3630, 43.6980, 77.7346** is the 20% darker color. If you saturate the color by 10%, you get **119.4340, 42.6770, 78.5494**, and if you desaturate by 10%, it is **144.0880, 30.5226, 56.9278**.

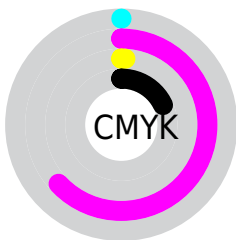
Distribution



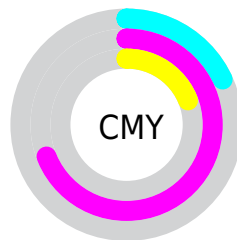
- Red (82%)
- Green (31%)
- Blue (81%)



- Red (82%)
- Yellow (31%)
- Blue (81%)



- Cyan (0%)
- Magenta (63%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (69%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.7610, 36.5998, 67.7386 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 131.7610, 36.5998, 67.7386 by changing the saturation by 10% instead.

131.7610, 36.5998,
67.7386

131.7610, 36.5998,
67.7386

255.0000, 0.0000,
0.0000

101.7010, 37.6154,
68.6682

184.5600, 34.7269,
61.7759

62.3630, 43.6980,
77.7346

201.5830, 26.3346,
46.8467

51.0270, 36.4687,
63.1203

218.0190, 18.2316,
32.4323

39.6910, 29.2393,
48.5060

235.6290, 9.5499,
16.9884

28.8820, 22.7362,
34.3065

252.6520, 1.1576,
2.0592

18.4860, 16.5224,
20.6218

3.3060, 12.6671,

-2.8994

■ 0.0000, 0.0000,
0.0000

■ 131.7610, 36.5998,
67.7386

■ 131.7610, 36.5998,
67.7386

■ 119.4340, 42.6770,
78.5494

■ 144.0880, 30.5226,
56.9278

■ 106.9930, 48.3175,
89.4601

■ 156.5290, 24.8822,
46.0171

■ 94.6660, 54.3947,
100.2709

■ 168.8560, 18.8050,
35.2063

■ 85.7470, 58.2987,
108.0929

■ 181.2970, 13.1646,
24.2955

■ 193.6240, 7.0874,
13.4848

■ 205.4780, 1.7363,
3.0888

■ 217.8050, -4.3409,
-7.7220

■ 230.2460, -9.9813,
-18.6327

■ 236.1160,
-12.8752, -23.7807

Harmonies

Analogous

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



132.1340, 60.5729, -15.0265



131.7610, 36.5998, 67.7386



115.0540, 12.2984, 115.7166

Triad

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



131.7610, 36.5998, 67.7386



124.7590, -61.5062, 34.4144



117.4380, 38.7311, -102.9931

Complementary

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



131.7610, 36.5998, 67.7386



155.2390, -36.5998, -67.7386

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.



109.5720, 8.5920, -96.0946



131.7610, 36.5998, 67.7386



115.8790, -57.1283, -16.5569

Square

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



131.7610, 36.5998, 67.7386



122.3980, -60.3422, 81.2120



98.3150, -21.8473, -86.2223



120.5450, 63.3283, -105.7180

Rectangle

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



131.7610, 36.5998, 67.7386



114.9300, -9.8255, 118.4564



98.3150, -21.8473, -86.2223



115.5170, 28.8321, -101.3084

Sweetspot

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



131.7610, 36.5998, 67.7386



226.7100, 13.4540, 24.8103



93.5320, 56.9257, -11.8676



110.2760, 8.2449, 15.5439



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.



131.7610, 36.5998, 67.7386



142.4270, 53.5265, 98.7265



124.3510, 8.2080, 74.2372



98.4290, 2.7465, 5.7628



68.9280, 46.8705, 86.8861



16.8190, 11.4282, 21.2067

Inverse Universe

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



131.7610, 36.5998, 67.7386



142.4270, 53.5265, 98.7265



162.6490, -8.2080, -74.2372



98.4290, 2.7465, 5.7628



68.9280, 46.8705, 86.8861



16.8190, 11.4282, 21.2067

Previews

White Background



This preview shows how the YUV color 131.7610, 36.5998, 67.7386 looks on a white background.

Color Contrast Check

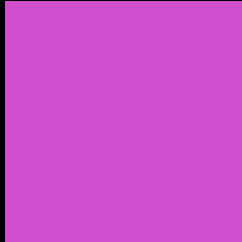
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.7610, 36.5998, 67.7386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

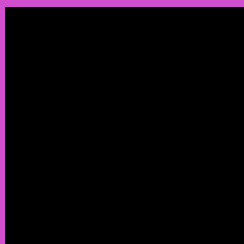
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.7610, 36.5998, 67.7386

Background



This preview shows how black text looks on a background with the YUV color 131.7610, 36.5998, 67.7386.



This preview shows how white text looks on a background with the YUV color 131.7610, 36.5998, 67.7386.

67.7386.

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

131.7610, 36.5998, 67.7386

Protanopia

124.2990, 63.4496, -51.1282

Deuteranopia

132.2230, 31.9351, -22.9976



Tritanopia

133.7190, -10.2145, 56.3744

Trichromacy



Original Color

131.7610, 36.5998, 67.7386



Protanomaly

126.7560, 53.8573, -7.6790



Deuteranomaly

131.8880, 33.5792, 9.7452



Tritanomaly

132.9210, 6.9409, 60.5823

Monochromacy



Original Color

131.7610, 36.5998, 67.7386



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

131.7100, 13.4540, 24.8103

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.7610, 36.5998, 67.7386 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(209, 78, 206)` looks like.

```
.text, #text, p{  
    color:rgb(209, 78, 206)  
}
```

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(209, 78, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 78, 206) }
```

Border

The CSS property to change the border of an element to YUV 131.7610, 36.5998, 67.7386 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(209, 78, 206) }
```


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

```
.border{ border-color:rgb(209, 78, 206) }
```

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

Here you see how a box with a 4 pixel rgb(209, 78, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 78, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 78, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 78,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 131.7610, 36.5998, 67.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 78, 206) }
```

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

```
.background{ background-color: rgb(209, 78,  
206) }
```

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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