

Converting Colors

YUV(136.1970, 4.8329, 36.6612)

Have a look what the booklet for
YUV(136.1970, 4.8329, 36.6612)
contains.

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Color

**YUV(136.1970, 4.8329,
36.6612)**

Conversions

Conversions Part 1

Format	Color
Hex	B27192
RGB	178, 113, 146
RGB Percent	70%, 44%, 57%
CMY	0.3020, 0.5569, 0.4275
CMYK	0.00, 0.37, 0.18, 0.30
HSL	330°, 30%, 57%
HSV	330°, 37%, 70%
XYZ	29.4535, 23.3506, 30.1489
YIQ	136.1970, 28.1470, 24.0430

Conversions

Conversions Part 2

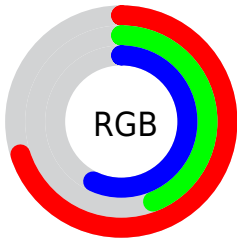
Format	Color
RYB	178, 113, 146
Decimal	11694482
CIELab	55.43, 30.46, -7.20
CIELCh	55, 31.297, 346.702
Yxy	23.3506, 0.3551, 0.2815
Android (android.graphics.Color)	4289884562 (0xFFB27192)
YUV	136.1970, 4.8329, 36.6612
Hunter-Lab	48.3224, 24.2353, -3.1660

Details

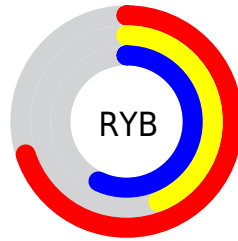
The YUV color $136.1970, 4.8329, 36.6612$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $154.8030, -4.8329, -36.6612$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.5070, 4.6800, 39.0204$, and $85.0010, 5.4225, 34.2021$ is the 20% darker color. If you saturate the color by 10%, you get $124.6050, 6.1107, 46.8274$, and if you desaturate by 10%, it is $147.7890, 3.5550, 26.4950$.

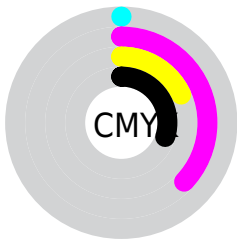
Distribution



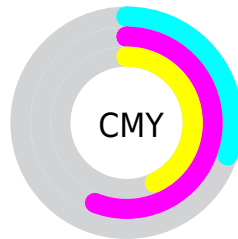
- Red (70%)
- Green (44%)
- Blue (57%)



- Red (70%)
- Yellow (44%)
- Blue (57%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (30%)





- Cyan (30%)
- Magenta (56%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.1970, 4.8329, 36.6612 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 136.1970, 4.8329, 36.6612 by changing the saturation by 10% instead.


 136.1970, 4.8329,
36.6612

 136.1970, 4.8329,
36.6612


255.0000, 0.0000,
0.0000

 110.4850, 4.6909,
35.5317


 190.5070, 4.6800,
39.0204

 85.0010, 5.4225,
34.2021


 215.5280, 6.1487,
34.6169


 60.9900, 5.4279,
32.4578

 235.0420, 9.8393,
17.5032

 36.2180, 6.3015,
32.2578

 252.0650, 1.4470,
2.5740

 17.8430, 5.0074,
27.3247

 6.8770, -3.3904,
14.1399

 0.0000, 0.0000,

0.0000

■ 136.1970, 4.8329,
36.6612

■ 136.1970, 4.8329,
36.6612

■ 124.6050, 6.1107,
46.8274

■ 147.7890, 3.5550,
26.4950

■ 113.0130, 7.3886,
56.9936

■ 159.3810, 2.2772,
16.3289

■ 102.1220, 8.8139,
66.5450

■ 170.2720, 0.8519,
6.7775

■ 90.5300, 10.0917,
76.7112

■ 181.8640, -0.4260,
-3.3887

■ 78.9380, 11.3696,
86.8774

■ 193.4560, -1.7038,
-13.5549

■ 67.3460, 12.6474,
97.0436

■ 205.0480, -2.9817,
-23.7211

■ 63.4820, 13.0734,
100.4323

■ 216.5260, -4.6963,
-33.7873

■ 227.5310, -5.6848,
-43.4387

■ 228.5570, -1.7536,
-44.3385

Harmonies

Analogous

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



136.1650, 16.6807, 16.5183



136.1970, 4.8329, 36.6612



134.8100, -8.2873, 44.8936

Triad

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



136.1970, 4.8329, 36.6612



129.3170, -24.3133, 4.9840



111.7850, 29.1930, -76.9874

Complementary

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



136.1970, 4.8329, 36.6612



154.8030, -4.8329, -36.6612

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.



112.3160, 17.0992, -71.3141



136.1970, 4.8329, 36.6612



126.1660, -15.3648, -18.5626

Square

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



136.1970, 4.8329, 36.6612



131.8080, -25.5413, 25.6014



120.1980, -0.5906, -44.0236



124.2110, 29.9690, -45.7890

Rectangle

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



136.1970, 4.8329, 36.6612



133.8500, -15.7020, 43.1046



120.1980, -0.5906, -44.0236



108.8830, 27.1727, -82.3354

Sweetspot

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



136.1970, 4.8329, 36.6612



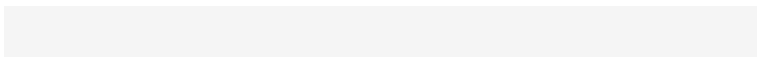
215.8430, 1.5564, 14.1697



129.6790, 23.8223, 12.5595



107.3970, 1.2833, 8.4218



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



136.1970, 4.8329, 36.6612



166.4260, 7.6780, 57.5084



132.5490, -9.1447, 39.8605



83.2610, 0.8573, 5.0331



54.6390, 11.5170, 86.2626



9.2560, 1.8458, 14.6845

Inverse Universe

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



136.1970, 4.8329, 36.6612



166.4260, 7.6780, 57.5084



158.4510, 9.1447, -39.8605



83.2610, 0.8573, 5.0331



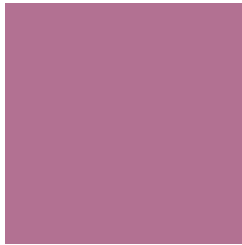
54.6390, 11.5170, 86.2626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 136.1970, 4.8329, 36.6612 looks on a white background.

Color Contrast Check

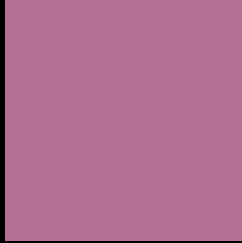
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.1970, 4.8329, 36.6612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

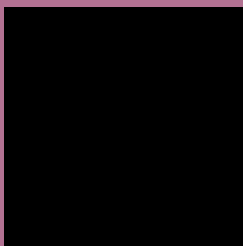
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.1970, 4.8329, 36.6612

Background



This preview shows how black text looks on a background with the YUV color 136.1970, 4.8329, 36.6612.



This preview shows how white text looks on a background with the YUV color 136.1970, 4.8329,

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

136.1970, 4.8329, 36.6612

Protanopia

133.7680, 11.9464, -5.0585

Deuteranopia

134.4830, 4.1989, 6.5924



Tritanopia

135.6670, -4.7658, 35.3720

Trichromacy



Original Color

136.1970, 4.8329, 36.6612

Protanomaly

134.5850, 9.5716, 10.0110

Deuteranomaly

134.9620, 4.4557, 17.5733

Tritanomaly

136.1770, -1.5663, 35.8018

Monochromacy



Original Color

136.1970, 4.8329, 36.6612

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.2450, 1.8512, 12.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1970, 4.8329, 36.6612 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(178, 113, 146)` looks like.

```
.text, #text, p{  
    color:rgb(178, 113, 146)  
}
```

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(178, 113, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 113, 146) }
```

Border

The CSS property to change the border of an element to YUV 136.1970, 4.8329, 36.6612 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(178, 113, 146) }
```


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

```
.border{ border-color:rgb(178, 113, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 113, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 113, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 113, 146);  
box-shadow:4px 4px 4px 4px rgb(178, 113,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 136.1970, 4.8329, 36.6612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 113, 146) }
```

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

```
.background{ background-color: rgb(178,  
113, 146) }
```

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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