

Converting Colors

YUV(86.4110, 26.9124, 1.3936)

Have a look what the booklet for
YUV(86.4110, 26.9124, 1.3936)
contains.

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Color

**YUV(86.4110, 26.9124,
1.3936)**

Conversions

Conversions Part 1

Format	Color
Hex	584B8D
RGB	88, 75, 141
RGB Percent	35%, 29%, 55%
CMY	0.6549, 0.7059, 0.4471
CMYK	0.38, 0.47, 0.00, 0.45
HSL	252°, 31%, 42%
HSV	252°, 47%, 55%
XYZ	11.3483, 9.0299, 26.3441
YIQ	86.4110, -13.4380, 23.2820

Conversions

Conversions Part 2

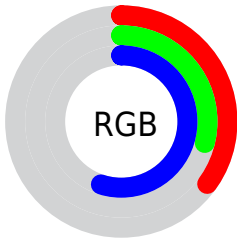
Format	Color
R_{YB}	88, 75, 141
Decimal	5786509
CIE _{Lab}	36.04, 21.89, -34.90
CIE _{LCh}	36, 41.194, 302.097
Yxy	9.0299, 0.2429, 0.1933
Android (android.graphics.Color)	4283976589 (0xFF584B8D)
YUV	86.4110, 26.9124, 1.3936
Hunter-Lab	30.0499, 14.8230, -30.9435

Details

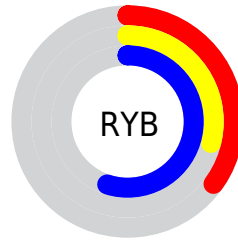
The YUV color **86.4110, 26.9124, 1.3936** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **129.5890, -26.9124, -1.3936**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8780, 28.6541, 2.7380**, and **39.5200, 24.8866, -2.2100** is the 20% darker color. If you saturate the color by 10%, you get **74.9040, 32.5853, 1.8382**, and if you desaturate by 10%, it is **97.9180, 21.2394, 0.9489**.

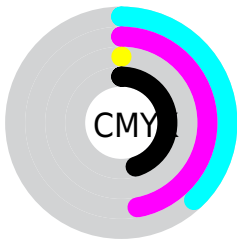
Distribution



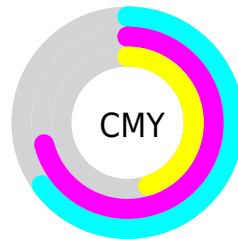
- Red (35%)
- Green (29%)
- Blue (55%)



- Red (35%)
- Yellow (29%)
- Blue (55%)



- Cyan (38%)
- Magenta (47%)
- Yellow (0%)
- Black (45%)



- Cyan (65%)
- Magenta (71%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4110, 26.9124, 1.3936 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 86.4110, 26.9124, 1.3936 by changing the saturation by 10% instead.

■ 86.4110, 26.9124,
1.3936

■ 86.4110, 26.9124,
1.3936

■ 255.0000, 0.0000,
0.0000

■ 62.4710, 25.8968,
0.4639

■ 136.8780, 28.6541,
2.7380

■ 39.5200, 24.8866,
-2.2100

■ 163.4050, 29.3803,
3.1528

■ 16.0850, 24.6081,
-6.2135

■ 190.9320, 30.1065,
3.5676

■ 5.0160, 19.2191,
-4.3990

■ 215.7940, 19.3286,
7.1967

■ 3.0950, 9.3202,
-2.7143

■ 240.9010, 6.9508,
10.6108

■ 0.0000, 0.0000,
0.0000

86.4110, 26.9124,
1.3936

86.4110, 26.9124,
1.3936

74.9040, 32.5853,
1.8382

97.9180, 21.2394,
0.9489

63.0980, 38.4057,
1.6681

109.7240, 15.4191,
1.1191

51.5910, 44.0786,
2.1127

121.2310, 9.7461,
0.6744

40.0840, 49.7516,
2.5573

132.7380, 4.0732,
0.2298

27.6910, 55.8613,
2.9020

145.1310, -2.0366,
-0.1149

24.4460, 57.4611,
3.1169

156.6380, -7.7095,
-0.5595

168.1450,
-13.3825, -1.0042

179.9510,

-19.2028, -0.8340

■ 191.4580,
-24.8758, -1.2787

Harmonies

Analogous

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



68.8700, 40.4901, -60.3990



86.4110, 26.9124, 1.3936



86.7050, 14.4424, 34.4617

Triad

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



86.4110, 26.9124, 1.3936



82.2010, -28.2001, 38.4117



68.5040, 8.6255, -60.0780

Complementary

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



86.4110, 26.9124, 1.3936



129.5890, -26.9124, -1.3936

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.



64.3510, -6.0890, -53.8048



86.4110, 26.9124, 1.3936



79.9350, -34.9710, 16.7200

Square

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



86.4110, 26.9124, 1.3936



82.4320, -15.0030, 52.2411



76.9470, -26.5959, -9.6005



72.2660, 23.0399, -63.3773

Rectangle

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



86.4110, 26.9124, 1.3936



84.3880, 5.2317, 48.7717



76.9470, -26.5959, -9.6005



67.2500, 3.8207, -58.9783

Sweetspot

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



86.4110, 26.9124, 1.3936



162.4590, 10.6197, 0.4745



114.2220, 13.2016, -34.3977



78.7210, 6.5465, 0.2447



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



86.4110, 26.9124, 1.3936



98.7220, 42.0421, 1.9978



95.9790, 22.1954, 21.0664



65.3960, 2.7628, 0.5297



23.4630, 54.9877, 3.1019



1.5100, 3.1996, 0.4297

Inverse Universe

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



100.7760, 13.4214, 35.2764



121.1450, 20.6345, 55.1238



120.0210, -22.1954, -21.0664



66.7770, 1.5889, 3.7036



52.7910, 27.7110, 72.0973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 86.4110, 26.9124, 1.3936 looks on a white 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 ✓ Pass

Black Background



This preview shows how the YUV color 86.4110, 26.9124, 1.3936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

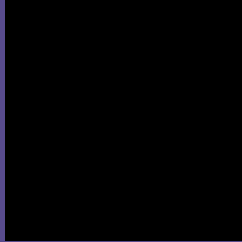
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.4110, 26.9124, 1.3936

Background



This preview shows how black text looks on a background with the YUV color 86.4110, 26.9124, 1.3936.



This preview shows how white text looks on a background with the YUV color 86.4110, 26.9124,

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

86.4110, 26.9124, 1.3936

Protanopia

82.0380, 32.5193, -23.7123

Deuteranopia

80.9900, 28.5989, -26.3012



Tritanopia

84.1070, 4.3842, -6.2328

Trichromacy



Original Color

86.4110, 26.9124, 1.3936

Protanomaly

83.5230, 30.3082, -14.4907

Deuteranomaly

82.6430, 28.2770, -16.3499

Tritanomaly

84.8930, 12.3778, -3.4142

Monochromacy



Original Color

86.4110, 26.9124, 1.3936

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2310, 9.7461, 0.6744

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4110, 26.9124, 1.3936 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(88, 75, 141)` looks like.

```
.text, #text, p{  
    color:rgb(88, 75, 141)  
}
```

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(88, 75, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 75, 141) }
```

Border

The CSS property to change the border of an element to YUV 86.4110, 26.9124, 1.3936 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(88, 75, 141) }
```


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

```
.border{ border-color:rgb(88, 75, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 75, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 75, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 75, 141);  
box-shadow:4px 4px 4px 4px rgb(88, 75,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 86.4110, 26.9124, 1.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 75, 141) }
```

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

```
.background{ background-color: rgb(88, 75,  
141) }
```

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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