

Converting Colors

YUV(86.3970, 18.0453, -1.2252)

Have a look what the booklet for
YUV(86.3970, 18.0453, -1.2252)
contains.

YUV(86.3970, 18.0453, -1.2252)	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(86.3970, 18.0453,
-1.2252)**

Conversions

Conversions Part 1

Format	Color
Hex	55507B
RGB	85, 80, 123
RGB Percent	33%, 31%, 48%
CMY	0.6667, 0.6863, 0.5176
CMYK	0.31, 0.35, 0.00, 0.52
HSL	247°, 21%, 40%
HSV	247°, 35%, 48%
XYZ	10.1901, 9.0987, 19.9580
YIQ	86.3970, -10.8230, 14.4330

Conversions

Conversions Part 2

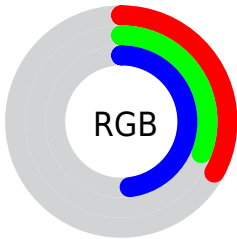
Format	Color
R_{YB}	85, 80, 123
Decimal	5591163
CIE _{Lab}	36.17, 12.64, -23.66
CIE _{LCh}	36, 26.822, 298.123
Yxy	9.0987, 0.2596, 0.2318
Android (android.graphics.Color)	4283781243 (0xFF55507B)
YUV	86.3970, 18.0453, -1.2252
Hunter-Lab	30.1640, 7.5145, -18.1144

Details

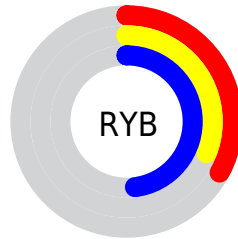
The YUV color **86.3970, 18.0453, -1.2252** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **116.6030, -18.0453, 1.2252**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4510, 19.4977, -0.3955**, and **40.9300, 16.3035, -2.5696** is the 20% darker color. If you saturate the color by 10%, you get **76.0640, 23.1394, -1.8101**, and if you desaturate by 10%, it is **96.7300, 12.9511, -0.6402**.

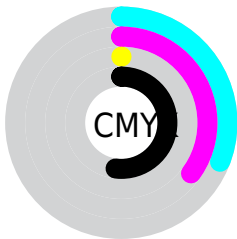
Distribution



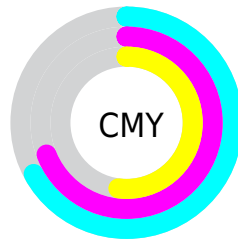
- Red (33%)
- Green (31%)
- Blue (48%)



- Red (33%)
- Yellow (31%)
- Blue (48%)



- Cyan (31%)
- Magenta (35%)
- Yellow (0%)
- Black (52%)



- Cyan (67%)
- Magenta (69%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.3970, 18.0453, -1.2252 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 86.3970, 18.0453, -1.2252 by changing the saturation by 10% instead.

■ 86.3970, 18.0453,
-1.2252

■ 86.3970, 18.0453,
-1.2252

■ 255.0000, 0.0000,
0.0000

■ 62.8700, 17.3191,
-1.6400

■ 136.4510, 19.4977,
-0.3955

■ 40.9300, 16.3035,
-2.5696

■ 162.5650, 19.9345,
-0.4955

■ 19.1040, 15.7247,
-3.5992

■ 189.9780, 20.2238,
0.0193

■ 4.5940, 12.5252,
-4.0289

■ 217.5220, 18.4767,
0.4192

■ 0.0000, 0.0000,
0.0000

■ 242.3300, 6.2463,
3.2186

■ 86.3970, 18.0453,
-1.2252

■ 86.3970, 18.0453,
-1.2252

■ 76.0640, 23.1394,
-1.8101

■ 96.7300, 12.9511,
-0.6402

■ 65.1440, 28.5230,
-1.8803

■ 107.6500, 7.5675,
-0.5701

■ 54.8110, 33.6172,
-2.4652

■ 117.9830, 2.4734,
0.0149

■ 44.7770, 38.5639,
-2.4354

■ 128.0170, -2.4734,
-0.0149

■ 33.8570, 43.9475,
-2.5056

■ 138.9370, -7.8569,
0.0553

■ 23.5240, 49.0417,
-3.0905


■ 149.2700,
-12.9511, 0.6402

■ 18.2080, 51.6625,
-3.6904

■ 159.6030,
-18.0453, 1.2252

■ 169.9360,

-23.1394, 1.8101

 180.8560,
-28.5230, 1.8803

Harmonies

Analogous

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



80.6000, 23.3682, -28.5902



86.3970, 18.0453, -1.2252



87.7650, 9.9759, 20.3771

Triad

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



86.3970, 18.0453, -1.2252



84.8820, -17.6898, 27.2905



69.4020, 6.7038, -50.3416

Complementary

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



86.3970, 18.0453, -1.2252



116.6030, -18.0453, 1.2252

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.



77.7940, -7.7864, -22.6213



86.3970, 18.0453, -1.2252



83.2950, -20.8514, 14.6503

Square

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



86.3970, 18.0453, -1.2252



85.7010, -9.7126, 35.3422



81.3960, -17.4502, -2.9783



68.3220, 18.0823, -59.9184

Rectangle

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



86.3970, 18.0453, -1.2252



87.5120, 3.6916, 29.3690



81.3960, -17.4502, -2.9783



73.6870, 1.1403, -39.1905

Sweetspot

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



86.3970, 18.0453, -1.2252



147.1230, 6.8414, -0.9849



107.7950, 7.4961, -24.3762



73.4390, 4.2206, -0.3850



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



86.3970, 18.0453, -1.2252



103.1440, 28.5230, -1.8803



92.6760, 14.9497, 11.6851



55.9830, 2.4734, 0.0149



18.7350, 52.3886, -3.2756



37.3990, 105.7983, -7.3659

Inverse Universe

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



97.1890, 10.2598, 22.6362



120.1720, 16.1842, 35.8062



110.3240, -14.9497, -11.6851



57.3640, 1.2995, 3.1888



49.9150, 29.6219, 65.8495



100.7700, 60.2594, 132.6287

Previews

White Background



This preview shows how the YUV color 86.3970, 18.0453, -1.2252 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 86.3970, 18.0453, -1.2252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

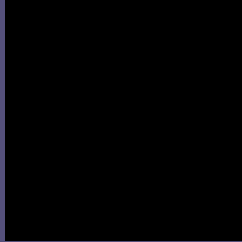
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.3970, 18.0453, -1.2252

Background



This preview shows how black text looks on a background with the YUV color 86.3970, 18.0453, -1.2252.



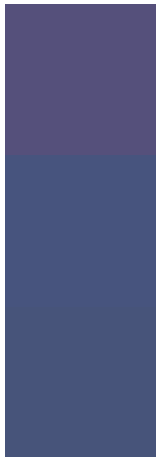
This preview shows how white text looks on a background with the YUV color 86.3970, 18.0453,

-1.2252.

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

86.3970, 18.0453, -1.2252

Protanopia

84.9010, 20.2618, -12.1912

Deuteranopia

84.4450, 18.5146, -11.7913



Tritanopia

84.7050, 4.0894, -5.0033

Trichromacy



Original Color

86.3970, 18.0453, -1.2252

Protanomaly

85.6950, 19.3774, -8.5025

Deuteranomaly

85.3530, 18.0670, -8.2026

Tritanomaly

85.3830, 9.1782, -3.8439

Monochromacy



Original Color

86.3970, 18.0453, -1.2252

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.3080, 6.2572, -0.2701

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3970, 18.0453, -1.2252 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(85, 80, 123)` looks like.

```
.text, #text, p{  
    color:rgb(85, 80, 123)  
}
```

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(85, 80, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 80, 123) }
```

Border

The CSS property to change the border of an element to YUV 86.3970, 18.0453, -1.2252 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(85, 80, 123) }
```


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

```
.border{ border-color:rgb(85, 80, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 80, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 80, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 80, 123);  
box-shadow:4px 4px 4px 4px rgb(85, 80,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 86.3970, 18.0453, -1.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 80, 123) }
```

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

```
.background{ background-color: rgb(85, 80,  
123) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor