

Converting Colors

YUV(86.7250, 13.9396, 9.0112)

Have a look what the booklet for
YUV(86.7250, 13.9396, 9.0112)
contains.

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Color

**YUV(86.7250, 13.9396,
9.0112)**

Conversions

Conversions Part 1

Format	Color
Hex	614C73
RGB	97, 76, 115
RGB Percent	38%, 30%, 45%
CMY	0.6196, 0.7020, 0.5490
CMYK	0.16, 0.34, 0.00, 0.55
HSL	272°, 20%, 37%
HSV	272°, 34%, 45%
XYZ	10.6087, 8.9481, 17.3877
YIQ	86.7250, -0.0030, 16.5810

Conversions

Conversions Part 2

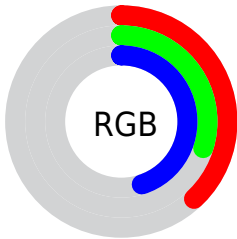
Format	Color
R_{YB}	97, 76, 115
Decimal	6376563
CIE _{Lab}	35.88, 17.10, -19.05
CIE _{LCh}	36, 25.600, 311.910
Yxy	8.9481, 0.2872, 0.2422
Android (android.graphics.Color)	4284566643 (0xFF614C73)
YUV	86.7250, 13.9396, 9.0112
Hunter-Lab	29.9133, 10.9564, -13.5241

Details

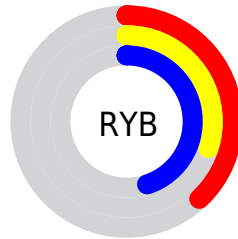
The YUV color **86.7250, 13.9396, 9.0112** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **104.2750, -13.9396, -9.0112**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6650, 14.9552, 9.9408**, and **40.7850, 12.9240, 8.0816** is the 20% darker color. If you saturate the color by 10%, you get **78.1860, 18.1493, 12.1149**, and if you desaturate by 10%, it is **95.2640, 9.7298, 5.9075**.

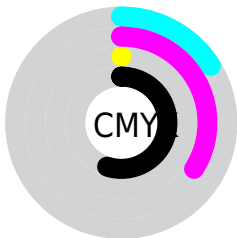
Distribution



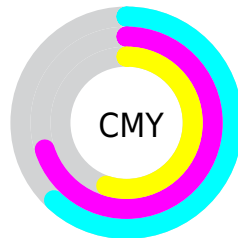
- Red (38%)
- Green (30%)
- Blue (45%)



- Red (38%)
- Yellow (30%)
- Blue (45%)



- Cyan (16%)
- Magenta (34%)
- Yellow (0%)
- Black (55%)



- Cyan (62%)
- Magenta (70%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7250, 13.9396, 9.0112 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 86.7250, 13.9396, 9.0112 by changing the saturation by 10% instead.

86.7250, 13.9396,
9.0112

86.7250, 13.9396,
9.0112

255.0000, 0.0000,
0.0000

63.1980, 13.2134,
8.5964

136.6650, 14.9552,
9.9408

40.7850, 12.9240,
8.0816

163.0780, 15.2445,
10.4556

19.2580, 12.1978,
7.6667

190.4910, 15.5339,
10.9704

3.2090, 9.7570,
-2.8143

218.0180, 16.2601,
11.3852

0.0000, 0.0000,
0.0000

242.6730, 6.0772,
10.8108

86.7250, 13.9396,
9.0112

86.7250, 13.9396,
9.0112

78.1860, 18.1493,
12.1149

95.2640, 9.7298,
5.9075

69.9350, 22.2170,
14.0890

103.5150, 5.6621,
3.9333

61.3960, 26.4268,
17.1927

112.0540, 1.4524,
0.8296

53.4440, 30.3471,
19.7816

120.0060, -2.4680,
-1.7593

44.6060, 34.7042,
22.2705

128.8440, -6.8251,
-4.2482

36.6540, 38.6246,
24.8594


136.7960,
-10.7454, -6.8371

31.6480, 41.0925,
26.6187

144.7480,
-14.6658, -9.4260

153.2870,

-18.8755, -12.5297

 162.1250,
-23.2326, -15.0186

Harmonies

Analogous

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



83.4770, 19.9778, -14.4503



86.7250, 13.9396, 9.0112



86.9460, 5.4496, 25.4804

Triad

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



86.7250, 13.9396, 9.0112



83.7950, -19.1259, 21.2278



66.2530, 12.6933, -58.1039

Complementary

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



86.7250, 13.9396, 9.0112



104.2750, -13.9396, -9.0112

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.



75.2320, -2.0864, -30.8985



86.7250, 13.9396, 9.0112



81.9950, -19.2245, 6.1434

Square

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



86.7250, 13.9396, 9.0112



84.7560, -13.1907, 30.9090



79.4920, -13.0606, -10.9555



67.8320, 21.2818, -59.4887

Rectangle

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



86.7250, 13.9396, 9.0112



86.2690, -1.1186, 32.2131



79.4920, -13.0606, -10.9555



69.3420, 7.7194, -49.4119

Sweetspot

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



86.7250, 13.9396, 9.0112



139.4010, 5.2253, 4.0333



91.0120, 11.8261, -13.1655



69.6350, 3.6309, 2.0741



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



86.7250, 13.9396, 9.0112



105.8210, 21.7802, 14.1890



91.9930, 10.8495, 20.1771



54.5810, 2.1786, 1.2445



33.6420, 43.5605, 28.3780



68.8650, 89.2996, 58.0004

Inverse Universe

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



89.7130, 2.1135, 22.1767



110.4310, 3.2385, 34.7020



99.0070, -10.8495, -20.1771



55.0220, -0.0108, 3.4887



42.8620, 6.4770, 69.4040



87.8600, 13.3800, 142.1968

Previews

White Background



This preview shows how the YUV color 86.7250, 13.9396, 9.0112 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 86.7250, 13.9396, 9.0112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

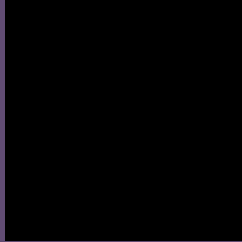
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7250, 13.9396, 9.0112

Background



This preview shows how black text looks on a background with the YUV color 86.7250, 13.9396, 9.0112.

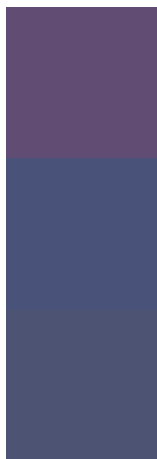


This preview shows how white text looks on a background with the YUV color 86.7250, 13.9396,

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

86.7250, 13.9396, 9.0112

Protanopia

84.3420, 18.0724, -9.9469

Deuteranopia

84.7400, 14.4252, -6.7880



Tritanopia

85.3860, 1.2887, 6.6775

Trichromacy



Original Color

86.7250, 13.9396, 9.0112

Protanomaly

85.0440, 16.7403, -2.6696

Deuteranomaly

85.0720, 14.2615, -0.9401

Tritanomaly

85.6510, 6.0881, 7.3221

Monochromacy



Original Color

86.7250, 13.9396, 9.0112

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9880, 4.9359, 3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7250, 13.9396, 9.0112 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(97, 76, 115)` looks like.

```
.text, #text, p{  
    color:rgb(97, 76, 115)  
}
```

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(97, 76, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 76, 115) }
```

Border

The CSS property to change the border of an element to YUV 86.7250, 13.9396, 9.0112 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(97, 76, 115) }
```


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

```
.border{ border-color:rgb(97, 76, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 76, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 76, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 76, 115);  
box-shadow:4px 4px 4px 4px rgb(97, 76,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 86.7250, 13.9396, 9.0112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 76, 115) }
```

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

```
.background{ background-color: rgb(97, 76,  
115) }
```

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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