

Converting Colors

YUV(81.7250, 13.9396, 9.0112)

Have a look what the booklet for
YUV(81.7250, 13.9396, 9.0112)
contains.

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Color

**YUV(81.7250, 13.9396,
9.0112)**

Conversions

Conversions Part 1

Format	Color
Hex	5C476E
RGB	92, 71, 110
RGB Percent	36%, 28%, 43%
CMY	0.6392, 0.7216, 0.5686
CMYK	0.16, 0.35, 0.00, 0.57
HSL	272°, 22%, 35%
HSV	272°, 35%, 43%
XYZ	9.4813, 7.9076, 15.7784
YIQ	81.7250, -0.0030, 16.5810

Conversions

Conversions Part 2

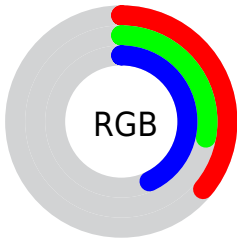
Format	Color
R_{YB}	92, 71, 110
Decimal	6047598
CIE _{Lab}	33.79, 17.28, -19.21
CIE _{LCh}	34, 25.835, 311.976
Yxy	7.9076, 0.2859, 0.2384
Android (android.graphics.Color)	4284237678 (0xFF5C476E)
YUV	81.7250, 13.9396, 9.0112
Hunter-Lab	28.1204, 10.9740, -13.5835

Details

The YUV color **81.7250, 13.9396, 9.0112** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **99.2750, -13.9396, -9.0112**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.6650, 14.9552, 9.9408**, and **36.3720, 12.6346, 7.5668** is the 20% darker color. If you saturate the color by 10%, you get **73.7730, 17.8599, 11.6001**, and if you desaturate by 10%, it is **89.6770, 10.0192, 6.4223**.

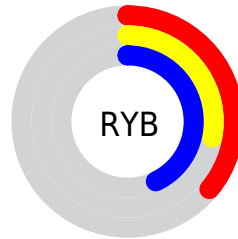
Distribution



Red (36%)

Green (28%)

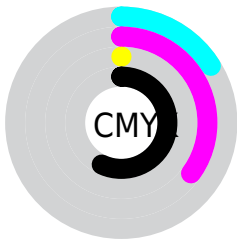
Blue (43%)



Red (36%)

Yellow (28%)

Blue (43%)

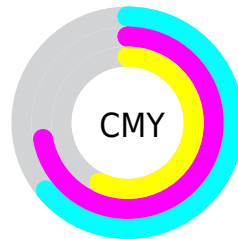


Cyan (16%)

Magenta (35%)

Yellow (0%)

Black (57%)



Cyan (64%)

Magenta (72%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7250, 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 81.7250, 13.9396, 9.0112 by changing the saturation by 10% instead.

81.7250, 13.9396,
9.0112

81.7250, 13.9396,
9.0112

255.0000, 0.0000,
0.0000

58.3120, 13.6502,
8.4964

131.6650, 14.9552,
9.9408

36.3720, 12.6346,
7.5668

157.4910, 15.5339,
10.9704

13.7960, 12.9186,
9.8259

184.6050, 15.9707,
10.8704

2.7530, 8.0098,
-2.4144

212.0180, 16.2601,
11.3852

0.0000, 0.0000,
0.0000

238.8520, 7.9610,
13.2848

81.7250, 13.9396,
9.0112

81.7250, 13.9396,
9.0112

73.7730, 17.8599,
11.6001

89.6770, 10.0192,
6.4223

65.8210, 21.7802,
14.1890

97.6290, 6.0989,
3.8334

57.8690, 25.7006,
16.7779

105.5810, 2.1786,
1.2445

49.9170, 29.6209,
19.3668

113.5330, -1.7418,
-1.3444

41.9650, 33.5413,
21.9557

121.4850, -5.6621,
-3.9333

34.0130, 37.4616,
24.5446


129.4370, -9.5824,
-6.5222

30.1810, 39.3508,
25.2743

137.6880,
-13.6502, -8.4964

145.6400,

-17.5705, -11.0853

 153.5920,
-21.4909, -13.6742

Harmonies

Analogous

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



78.4770, 19.9778, -14.4503



81.7250, 13.9396, 9.0112



81.9460, 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.



81.7250, 13.9396, 9.0112



78.7950, -19.1259, 21.2278



62.7480, 11.9562, -55.0300

Complementary

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



81.7250, 13.9396, 9.0112



99.2750, -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.



69.6340, -1.7916, -32.1280



81.7250, 13.9396, 9.0112



76.9950, -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.



81.7250, 13.9396, 9.0112



79.7560, -13.1907, 30.9090



74.4920, -13.0606, -10.9555



64.3270, 20.5448, -56.4148

Rectangle

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



81.7250, 13.9396, 9.0112



80.9700, -0.9712, 31.5983



74.4920, -13.0606, -10.9555



61.9500, 8.8986, -54.3302

Sweetspot

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



81.7250, 13.9396, 9.0112



131.5150, 5.6621, 3.9333



86.0120, 11.8261, -13.1655



64.5210, 3.1941, 2.1741



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



81.7250, 13.9396, 9.0112



97.9350, 22.2170, 14.0890



86.9930, 10.8495, 20.1771



51.8800, 2.0312, 1.8592



33.1150, 42.8343, 27.9631



67.9250, 88.2840, 57.0708

Inverse Universe

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



84.7130, 2.1135, 22.1767



102.8440, 3.5279, 35.2168



94.0070, -10.8495, -20.1771



52.1360, 0.4260, 3.3887



42.1500, 6.3351, 68.2745



86.8490, 13.3854, 140.4524

Previews

White Background



This preview shows how the YUV color 81.7250, 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 81.7250, 13.9396, 9.0112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

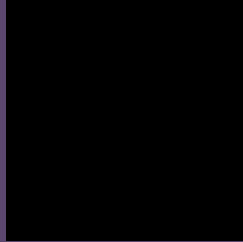
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.7250, 13.9396, 9.0112

Background



This preview shows how black text looks on a background with the YUV color 81.7250, 13.9396, 9.0112.



This preview shows how white text looks on a background with the YUV color 81.7250, 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

81.7250, 13.9396, 9.0112

Protanopia

79.0430, 18.2198, -10.5617

Deuteranopia

79.9140, 13.8464, -7.8176



Tritanopia

80.9730, 0.9993, 6.1627

Trichromacy



Original Color

81.7250, 13.9396, 9.0112

Protanomaly

79.7450, 16.8877, -3.2844

Deuteranomaly

80.6590, 13.9721, -1.4549

Tritanomaly

81.2380, 5.7987, 6.8073

Monochromacy



Original Color

81.7250, 13.9396, 9.0112

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9880, 4.9359, 3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7250, 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(92, 71, 110)` looks like.

```
.text, #text, p{  
    color:rgb(92, 71, 110)  
}
```

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(92, 71, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 71, 110) }
```

Border

The CSS property to change the border of an element to YUV 81.7250, 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(92, 71, 110) }
```


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

```
.border{ border-color:rgb(92, 71, 110) }
```

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

Here you see how a box with a 4 pixel rgb(92, 71, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 71, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 71, 110);  
box-shadow:4px 4px 4px 4px rgb(92, 71,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 81.7250, 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(92, 71, 110) }
```

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

```
.background{ background-color: rgb(92, 71,  
110) }
```

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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