

Converting Colors

YUV(84.2860, 9.7190, 9.3962)

Have a look what the booklet for
YUV(84.2860, 9.7190, 9.3962)
contains.

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Color

**YUV(84.2860, 9.7190,
9.3962)**

Conversions

Conversions Part 1

Format	Color
Hex	5F4B68
RGB	95, 75, 104
RGB Percent	37%, 29%, 41%
CMY	0.6275, 0.7059, 0.5922
CMYK	0.09, 0.28, 0.00, 0.59
HSL	281°, 16%, 35%
HSV	281°, 28%, 41%
XYZ	9.7341, 8.4645, 14.2175
YIQ	84.2860, 2.6110, 13.2590

Conversions

Conversions Part 2

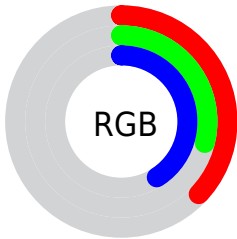
Format	Color
R_{YB}	95, 75, 104
Decimal	6245224
CIE _{Lab}	34.93, 14.40, -13.65
CIE _{LCh}	35, 19.840, 316.522
Yxy	8.4645, 0.3003, 0.2611
Android (android.graphics.Color)	4284435304 (0xFF5F4B68)
YUV	84.2860, 9.7190, 9.3962
Hunter-Lab	29.0939, 8.8074, -8.6079

Details

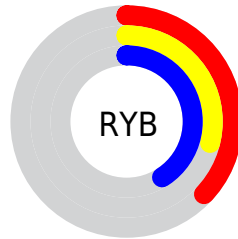
The YUV color **84.2860, 9.7190, 9.3962** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **94.7140, -9.7190, -9.3962**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.1120, 10.2978, 10.4258**, and **39.0470, 8.8508, 7.8518** is the 20% darker color. If you saturate the color by 10%, you get **77.5190, 13.0551, 12.6998**, and if you desaturate by 10%, it is **91.0530, 6.3829, 6.0925**.

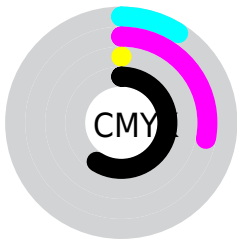
Distribution



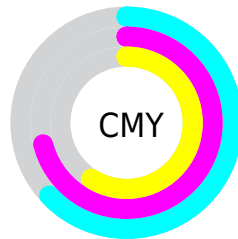
- Red (37%)
- Green (29%)
- Blue (41%)



- Red (37%)
- Yellow (29%)
- Blue (41%)



- Cyan (9%)
- Magenta (28%)
- Yellow (0%)
- Black (59%)



- Cyan (63%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2860, 9.7190, 9.3962 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 84.2860, 9.7190, 9.3962 by changing the saturation by 10% instead.

■ 84.2860, 9.7190,
9.3962

■ 84.2860, 9.7190,
9.3962

■ 255.0000, 0.0000,
0.0000

■ 60.8730, 9.4296,
8.8814

■ 134.1120, 10.2978,
10.4258

■ 39.0470, 8.8508,
7.8518

■ 160.2260, 10.7346,
10.3258

■ 17.0580, 8.8454,
9.5961

■ 187.6390, 11.0240,
10.8406

■ 1.3680, 5.2416,
-1.1997

■ 215.0520, 11.3134,
11.3554

■ 0.0000, 0.0000,
0.0000

■ 241.4990, 6.6560,
11.8404

84.2860, 9.7190,
9.3962

84.2860, 9.7190,
9.3962

77.5190, 13.0551,
12.6998

91.0530, 6.3829,
6.0925

70.1650, 16.6807,
16.5183

98.4070, 2.7573,
2.2741

63.0990, 20.1642,
19.2072

105.4730, -0.7262,
-0.4148

55.7450, 23.7897,
23.0256

112.8270, -4.3517,
-4.2333

48.9780, 27.1258,
26.3293

119.5940, -7.6878,
-7.5369

42.2110, 30.4620,
29.6330

126.3610,
-11.0240, -10.8406

34.5580, 34.2349,
32.8366


134.0140,
-14.7969, -14.0443

33.3840, 34.8137,

140.7810,

33.8662

-18.1330, -17.3479

 148.1350,
-21.7586, -21.1664

Harmonies

Analogous

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



82.4410, 14.5726, -7.4028



84.2860, 9.7190, 9.3962



84.5280, 2.6977, 21.4619

Triad

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



84.2860, 9.7190, 9.3962



81.9020, -14.7417, 14.9949



72.7610, 8.9918, -37.5014

Complementary

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



84.2860, 9.7190, 9.3962



94.7140, -9.7190, -9.3962

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.



75.3190, -0.6503, -24.8358



84.2860, 9.7190, 9.3962



80.2380, -14.4143, 3.2993

Square

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



84.2860, 9.7190, 9.3962



83.1680, -11.4218, 23.5317



78.2300, -8.9874, -10.7257



72.8840, 15.8332, -38.4863

Rectangle

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



84.2860, 9.7190, 9.3962



83.8830, -2.4073, 25.5356



78.2300, -8.9874, -10.7257



73.5720, 5.6340, -33.8276

Sweetspot

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



84.2860, 9.7190, 9.3962



127.6460, 3.6255, 3.8185



83.5890, 10.0626, -7.5326



64.2930, 2.3206, 2.3740



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



84.2860, 9.7190, 9.3962



104.9860, 14.7969, 14.0443



86.4070, 6.2083, 15.4291



47.4670, 1.7418, 1.3444



36.7310, 38.5866, 37.0699



77.5210, 81.0881, 78.4731

Inverse Universe

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



84.6970, -0.3436, 16.9287



105.6380, -0.8075, 25.7505



92.5930, -6.2083, -15.4291



47.6090, -0.3002, 2.9739



38.4890, -1.2271, 67.1001



80.9080, -2.9126, 141.2777

Previews

White Background



This preview shows how the YUV color 84.2860, 9.7190, 9.3962 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 84.2860, 9.7190, 9.3962 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 84.2860, 9.7190, 9.3962

Background



This preview shows how black text looks on a background with the YUV color 84.2860, 9.7190, 9.3962.

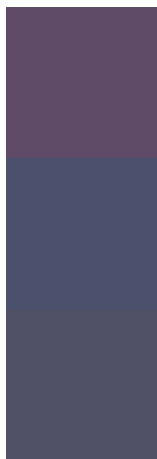


This preview shows how white text looks on a background with the YUV color 84.2860, 9.7190,

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

84.2860, 9.7190, 9.3962

Protanopia

82.3980, 13.1148, -6.4880

Deuteranopia

83.2090, 9.7570, -2.8143



Tritanopia

83.5710, 0.7045, 7.3922

Trichromacy



Original Color

84.2860, 9.7190, 9.3962

Protanomaly

83.0890, 11.7881, -0.9551

Deuteranomaly

83.5300, 9.5987, 1.2892

Tritanomaly

84.0810, 3.9041, 7.8220

Monochromacy



Original Color

84.2860, 9.7190, 9.3962

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2330, 3.3361, 3.3037

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2860, 9.7190, 9.3962 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(95, 75, 104)` looks like.

```
.text, #text, p{  
    color:rgb(95, 75, 104)  
}
```

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(95, 75, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 75, 104) }
```

Border

The CSS property to change the border of an element to YUV 84.2860, 9.7190, 9.3962 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(95, 75, 104) }
```


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

```
.border{ border-color:rgb(95, 75, 104) }
```

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

Here you see how a box with a 4 pixel rgb(95, 75, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 75, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 75, 104);  
box-shadow:4px 4px 4px 4px rgb(95, 75,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 84.2860, 9.7190, 9.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 75, 104) }
```

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

```
.background{ background-color: rgb(95, 75,  
104) }
```

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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