

Converting Colors

YUV(82.8510, 5.9895, -7.7623)

Have a look what the booklet for
YUV(82.8510, 5.9895, -7.7623)
contains.

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Color

**YUV(82.8510, 5.9895,
-7.7623)**

Conversions

Conversions Part 1

Format	Color
Hex	4A555F
RGB	74, 85, 95
RGB Percent	29%, 33%, 37%
CMY	0.7098, 0.6667, 0.6275
CMYK	0.22, 0.11, 0.00, 0.63
HSL	209°, 12%, 33%
HSV	209°, 22%, 37%
XYZ	8.1381, 8.7791, 12.0921
YIQ	82.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

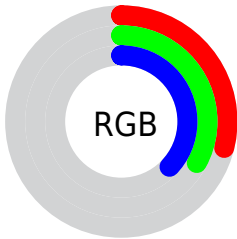
Format	Color
RYB	74, 81, 95
Decimal	4871519
CIELab	35.56, -1.85, -7.25
CIElCh	36, 7.477, 255.712
Yxy	8.7791, 0.2805, 0.3026
Android (android.graphics.Color)	4283061599 (0xFF4A555F)
YUV	82.8510, 5.9895, -7.7623
Hunter-Lab	29.6295, -2.8244, -3.4562

Details

The YUV color **82.8510, 5.9895, -7.7623** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86.1490, -5.9895, 7.7623**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5520, 6.1369, -8.3771**, and **38.0360, 5.4053, -7.0476** is the 20% darker color. If you saturate the color by 10%, you get **77.2250, 8.7631, -10.7213**, and if you desaturate by 10%, it is **88.7760, 3.0684, -4.1886**.

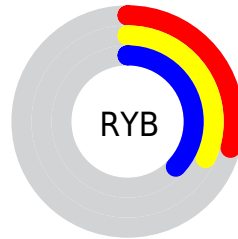
Distribution



Red (29%)

Green (33%)

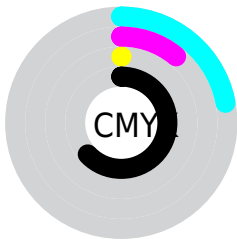
Blue (37%)



Red (29%)

Yellow (32%)

Blue (37%)

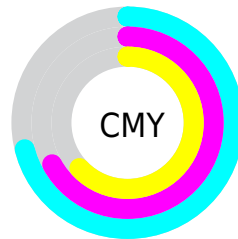


Cyan (22%)

Magenta (11%)

Yellow (0%)

Black (63%)



Cyan (71%)

Magenta (67%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8510, 5.9895, -7.7623 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 82.8510, 5.9895, -7.7623 by changing the saturation by 10% instead.

■ 82.8510, 5.9895,
-7.7623

■ 82.8510, 5.9895,
-7.7623

■ 255.0000, 0.0000,
0.0000

■ 59.7370, 5.5527,
-7.6623

■ 132.5520, 6.1369,
-8.3771

■ 38.0360, 5.4053,
-7.0476

■ 158.6660, 6.5737,
-8.4771

■ 17.0250, 5.4107,
-8.7919

■ 185.6660, 6.5737,
-8.4771

■ 0.0000, 0.0000,
0.0000

■ 212.7800, 7.0105,
-8.5771

■ 241.3670, 6.7211,
-9.0919

■ 82.8510, 5.9895,
-7.7623

■ 82.8510, 5.9895,
-7.7623

■ 77.2250, 8.7631,
-10.7213

■ 88.7760, 3.0684,
-4.1886

■ 71.8870, 11.3947,
-14.8099

■ 93.8150, 0.5842,
-0.7148

■ 66.2610, 14.1683,
-17.7689

■ 99.7400, -2.3368,
2.8590

■ 60.9230, 16.8000,
-21.8575

■ 104.7790, -4.8210,
6.3328

■ 54.9980, 19.7210,
-25.4312

■ 110.7040, -7.7421,
9.9066

■ 49.9590, 22.2052,
-28.9050

■ 115.7430,
-10.2263, 13.3804

■ 44.3330, 24.9788,
-31.8640

■ 121.6680,
-13.1473, 16.9542

■ 40.1800, 27.0263,

■ 126.7070,

-35.2379

-15.6316, 20.4280

■ 132.6320,
-18.5526, 24.0017

Harmonies

Analogous

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



81.6010, 5.1267, -11.0511



82.8510, 5.9895, -7.7623



83.7700, 5.5364, -2.4293

Triad

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



82.8510, 5.9895, -7.7623



84.8980, -1.9217, 9.7365



82.3540, -3.6255, -3.8185

Complementary

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



82.8510, 5.9895, -7.7623



86.1490, -5.9895, 7.7623

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.



82.9310, -5.3890, 1.8145



82.8510, 5.9895, -7.7623



84.5020, -4.6845, 9.2067

Square

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



82.8510, 5.9895, -7.7623



84.9840, 0.9939, 7.9070



83.5510, -5.6946, 6.5328



81.7170, -0.8465, -8.5218

Rectangle

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



82.8510, 5.9895, -7.7623



84.4500, 4.2151, 1.3593



83.5510, -5.6946, 6.5328



82.5500, -4.2151, -1.3593

Sweetspot

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



82.8510, 5.9895, -7.7623



117.2600, 2.3368, -2.8590



87.4670, -1.7092, -11.8106



58.3310, 1.3158, -2.0443



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



82.8510, 5.9895, -7.7623



103.3280, 9.2053, -12.5657



76.9810, 8.8834, -2.6143



45.6300, 1.1684, -1.4295



47.4010, 31.8473, -41.5707



101.3220, 68.3683, -88.8594

Inverse Universe

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



81.5330, 1.7092, 11.8106



100.9190, 2.9979, 18.4880



92.0190, -8.8834, 2.6143



45.4240, 0.2840, 2.2592



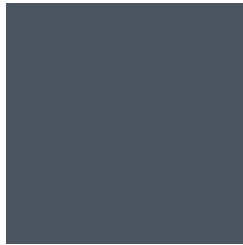
40.2140, 9.2615, 62.9563



86.1240, 19.6589, 134.9493

Previews

White Background



This preview shows how the YUV color 82.8510, 5.9895, -7.7623 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 82.8510, 5.9895, -7.7623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

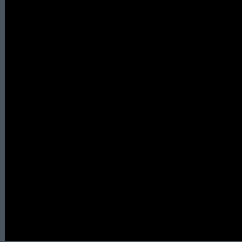
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8510, 5.9895, -7.7623

Background



This preview shows how black text looks on a background with the YUV color 82.8510, 5.9895, -7.7623.



This preview shows how white text looks on a background with the YUV color 82.8510, 5.9895, -7.7623.

-7.7623.

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

82.8510, 5.9895, -7.7623

Protanopia

83.9550, 4.9522, -1.7145

Deuteranopia

84.2050, 5.8149, 1.5742



Tritanopia

82.2100, 4.8265, -8.0772

Trichromacy



Original Color

82.8510, 5.9895, -7.7623

Protanomaly

83.6450, 5.1050, -4.0737

Deuteranomaly

83.5960, 6.1152, -1.3997

Tritanomaly

82.3240, 5.2633, -8.1771

Monochromacy



Original Color

82.8510, 5.9895, -7.7623

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1460, 1.9000, -2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8510, 5.9895, -7.7623 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(74, 85, 95)` looks like.

```
.text, #text, p{  
    color:rgb(74, 85, 95)  
}
```

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(74, 85, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 85, 95) }
```

Border

The CSS property to change the border of an element to YUV 82.8510, 5.9895, -7.7623 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(74, 85, 95) }
```


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

```
.border{ border-color:rgb(74, 85, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 85, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 85, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 85, 95);  
box-shadow:4px 4px 4px 4px rgb(74, 85, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.8510, 5.9895, -7.7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 85, 95) }
```

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

```
.background{ background-color: rgb(74, 85,  
95) }
```

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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