

Converting Colors

YUV(25.5700, 9.0860, 25.8101)

Have a look what the booklet for
YUV(25.5700, 9.0860, 25.8101)
contains.

YUV(25.5700, 9.0860, 25.8101)	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(25.5700, 9.0860,
25.8101)**

Conversions

Conversions Part 1	
Format	Color
Hex	37072C
RGB	55, 7, 44
RGB Percent	22%, 3%, 17%
CMY	0.7843, 0.9725, 0.8275
CMYK	0.00, 0.87, 0.20, 0.78
HSL	314°, 77%, 12%
HSV	314°, 87%, 22%
XYZ	2.1061, 1.1460, 2.4931
YIQ	25.5700, 16.7310, 21.6830

Conversions

Conversions Part 2

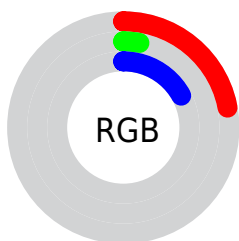
Format	Color
RYB	55, 7, 44
Decimal	3606316
CIELab	10.15, 27.71, -11.70
CIELCh	10, 30.079, 337.108
Yxy	1.1460, 0.3666, 0.1995
Android (android.graphics.Color)	4281796396 (0xFF37072C)
YUV	25.5700, 9.0860, 25.8101
Hunter-Lab	10.7053, 16.3837, -6.3139

Details

The YUV color **25.5700, 9.0860, 25.8101** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **36.4300, -9.0860, -25.8101**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.0540, 8.3544, 27.1396**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.5210, 10.0961, 28.4841**, and if you desaturate by 10%, it is **29.2060, 7.7864, 22.6213**.

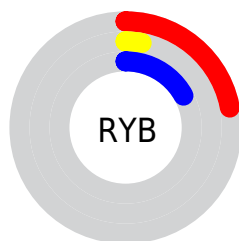
Distribution



Red (22%)

Green (3%)

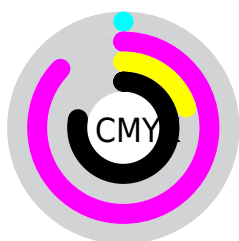
Blue (17%)



Red (22%)

Yellow (3%)

Blue (17%)

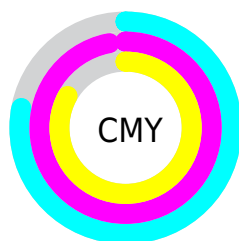


Cyan (0%)

Magenta (87%)

Yellow (20%)

Black (78%)



Cyan (78%)


Magenta (97%)


Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the YUV color 25.5700, 9.0860, 25.8101 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 25.5700, 9.0860, 25.8101 by changing the saturation by 10% instead.

 25.5700, 9.0860,
25.8101


 25.5700, 9.0860,
25.8101


 244.4340, 5.2090,
9.2664

 13.5000, 5.1765,
19.7325


 73.0540, 8.3544,
27.1396

 0.0000, 0.0000,
0.0000

 97.6520, 8.0596,
28.3692


 122.4780, 8.6383,
29.3988


 149.0760, 8.3435,
30.6283


 175.7880, 8.4855,
31.7579


 203.2010, 8.7749,


32.2727


 227.4280, 11.1280,
24.1806

 25.5700, 9.0860,
25.8101

 25.5700, 9.0860,
25.8101

 22.5210, 10.0961,
28.4841


 29.2060, 7.7864,
22.6213

 21.2330, 10.2381,
29.6137

 32.3690, 7.2131,
19.8474

 36.0050, 5.9135,
16.6586

 39.0540, 4.9034,
13.9846

 42.6900, 3.6038,
10.7959

■ 45.8530, 3.0305,
8.0219

■ 49.4890, 1.7309,
4.8331

■ 52.5380, 0.7208,
2.1592

■ 56.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



28.5610, 15.9924, 3.8930



25.5700, 9.0860, 25.8101



22.7470, 0.6177, 35.3019

Triad

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



25.5700, 9.0860, 25.8101



26.5910, -13.1094, 4.7437



27.6470, 12.0060, -24.2464

Complementary

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



25.5700, 9.0860, 25.8101



36.4300, -9.0860, -25.8101

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.



25.3670, 3.2701, -22.2469



25.5700, 9.0860, 25.8101



22.0620, -10.8766, -11.4554

Square

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



25.5700, 9.0860, 25.8101



26.6790, -13.1527, 18.6985



21.9300, -7.3605, -19.2326



27.3680, 18.5526, -24.0017

Rectangle

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



25.5700, 9.0860, 25.8101



22.0430, -8.4022, 35.0423



21.9300, -7.3605, -19.2326



26.9630, 9.3852, -23.6466

Sweetspot

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



25.5700, 9.0860, 25.8101



59.9780, 3.4618, 9.6663



15.4620, 19.4922, 1.3488



29.2010, 1.8729, 5.9627



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



25.5700, 9.0860, 25.8101



27.4990, 13.5580, 38.1504



22.9480, -0.9604, 28.1096



26.1250, 0.4314, 1.6444



35.6020, 17.4512, 49.4610



84.7470, 41.5367, 117.7399

Inverse Universe

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



25.5700, 9.0860, 25.8101



27.4990, 13.5580, 38.1504



39.0520, 0.9604, -28.1096



26.1250, 0.4314, 1.6444



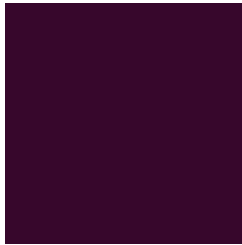
35.6020, 17.4512, 49.4610



84.7470, 41.5367, 117.7399

Previews

White Background



This preview shows how the YUV color 25.5700, 9.0860, 25.8101 looks on a white background.

Color Contrast Check

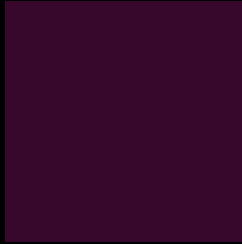
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5700, 9.0860, 25.8101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

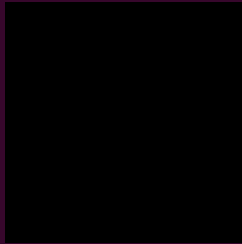
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.5700, 9.0860, 25.8101

Background



This preview shows how black text looks on a background with the YUV color 25.5700, 9.0860, 25.8101.



This preview shows how white text looks on a background with the YUV color 25.5700, 9.0860,

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

25.5700, 9.0860, 25.8101

Protanopia

26.6680, 16.9257, -15.4948

Deuteranopia





30.3570, 5.2470, -2.9441




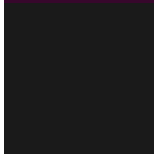
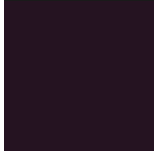
Tritanopia

28.5790, -4.7224, 21.4172

Trichromacy

	Original Color 25.5700, 9.0860, 25.8101
	Protanomaly 26.3710, 14.1141, -0.3254
	Deuteranomaly 28.7650, 6.5249, 7.2221
	Tritanomaly 27.5560, 0.2189, 23.1914

Monochromacy

	Original Color 25.5700, 9.0860, 25.8101
	Achromatopsia 26.0000, 0.0000, 0.0000
	Achromatomaly 25.9780, 3.4618, 9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.5700, 9.0860, 25.8101 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(55, 7, 44)` looks like.

```
.text, #text, p{  
    color:rgb(55, 7, 44)  
}
```

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(55, 7, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 7, 44) }
```

Border

The CSS property to change the border of an element to YUV 25.5700, 9.0860, 25.8101 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(55, 7, 44) }
```


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

```
.border{ border-color:rgb(55, 7, 44) }
```

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

Here you see how a box with a 4 pixel rgb(55, 7, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 7, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 7, 44); box-shadow:4px  
4px 4px 4px rgb(55, 7, 44) }
```

Background

The CSS property to change the background color of an element to YUV 25.5700, 9.0860, 25.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 7, 44) }
```

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

```
.background{ background-color: rgb(55, 7,  
44) }
```

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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