

Converting Colors

YUV(55.8700, 6.9661, -41.1050)

Have a look what the booklet for
YUV(55.8700, 6.9661, -41.1050)
contains.

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Color

**YUV(55.8700, 6.9661,
-41.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	094D46
RGB	9, 77, 70
RGB Percent	4%, 30%, 27%
CMY	0.9647, 0.6980, 0.7255
CMYK	0.88, 0.00, 0.09, 0.70
HSL	174°, 79%, 17%
HSV	174°, 88%, 30%
XYZ	3.8720, 5.8080, 6.7113
YIQ	55.8700, -38.2810, -16.5930

Conversions

Conversions Part 2

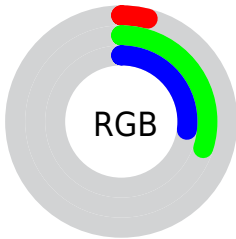
Format	Color
R_{YB}	9, 45, 77
Decimal	609606
CIE _{Lab}	28.92, -21.59, -1.55
CIE _{LCh}	29, 21.646, 184.107
Yxy	5.8080, 0.2362, 0.3543
Android (android.graphics.Color)	4278799686 (0xFF094D46)
YUV	55.8700, 6.9661, -41.1050
Hunter-Lab	24.0999, -13.4959, 0.3588

Details

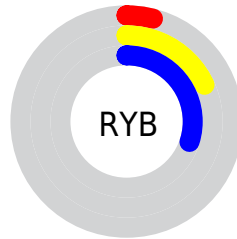
The YUV color **55.8700, 6.9661, -41.1050** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **30.1300, -6.9661, 41.1050**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.4470, 5.2026, -35.4720**, and **22.4490, 2.2436, -19.6878** is the 20% darker color. If you saturate the color by 10%, you get **53.3640, 7.7085, -45.9232**, and if you desaturate by 10%, it is **58.3760, 6.2236, -36.2868**.

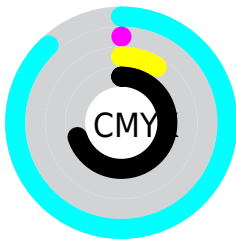
Distribution



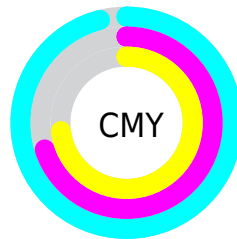
- Red (4%)
- Green (30%)
- Blue (27%)



- Red (4%)
- Yellow (18%)
- Blue (30%)



- Cyan (88%)
- Magenta (0%)
- Yellow (9%)
- Black (70%)



- Cyan (96%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.8700, 6.9661, -41.1050 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 55.8700, 6.9661, -41.1050 by changing the saturation by 10% instead.

■ 55.8700, 6.9661,
-41.1050

■ 55.8700, 6.9661,
-41.1050

■ 255.0000, 0.0000,
0.0000

■ 37.1700, 5.3392,
-32.5981

■ 107.4470, 5.2026,
-35.4720

■ 22.4490, 2.2436,
-19.6878

■ 134.0340, 4.9132,
-35.9868

■ 0.0000, 0.0000,
0.0000

■ 160.0340, 4.9132,
-35.9868

■ 187.7350, 5.0606,
-36.6016

■ 215.3220, 4.7713,
-37.1164

■ 238.7400, 7.5232,

-33.0980

■ 247.5250, 3.6852,
-15.3694

■ 55.8700, 6.9661,
-41.1050

■ 55.8700, 6.9661,
-41.1050

■ 53.3640, 7.7085,
-45.9232

■ 58.3760, 6.2236,
-36.2868

■ 53.0650, 7.8560,
-46.5380

■ 60.5830, 5.6286,
-32.0833

■ 62.9750, 4.4493,
-27.1651

■ 65.4810, 3.7069,
-22.3468

■ 67.6880, 3.1118,
-18.1434

■ 70.1940, 2.3694,
-13.3251

■ 72.7000, 1.6269,
-8.5069

■ 75.0920, 0.4476,
-3.5887

■ 77.2990, -0.1474,
0.6148

Harmonies

Analogous

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



62.0160, -4.4449, -21.0620



55.8700, 6.9661, -41.1050



54.4160, 15.5709, -47.7228

Triad

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



55.8700, 6.9661, -41.1050



69.7520, 12.9403, 2.8485



67.9350, -14.7580, 20.2280

Complementary

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



55.8700, 6.9661, -41.1050



30.1300, -6.9661, 41.1050

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.



68.7600, -9.2487, 26.5205



55.8700, 6.9661, -41.1050



70.1300, 6.3449, 18.3030

Square

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



55.8700, 6.9661, -41.1050



66.0700, 17.2205, -16.7244



69.7090, -1.8285, 26.5652



66.8150, -16.1778, 8.9322

Rectangle

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



55.8700, 6.9661, -41.1050



54.8550, 19.7915, -48.1078



69.7090, -1.8285, 26.5652



68.1140, -12.8742, 22.7020

Sweetspot

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



55.8700, 6.9661, -41.1050



91.2970, 2.8116, -15.1695



51.3080, -20.8578, -30.0881



45.9880, 1.4849, -9.6365



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



55.8700, 6.9661, -41.1050



68.2590, 10.2253, -59.8631



41.4060, 17.5478, -28.4201



36.8040, 0.5896, -2.4591



70.3620, 10.6675, -61.7075



158.4940, 23.4205, -138.9992

Inverse Universe

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



30.1300, -6.9661, 41.1050



30.7410, -10.2253, 59.8631



44.5940, -17.5478, 28.4201



35.3100, -0.1528, 2.3591



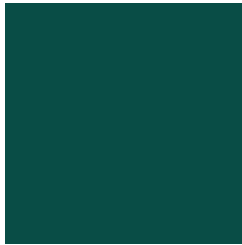
31.6380, -10.6675, 61.7075



71.5060, -23.4205, 138.9992

Previews

White Background



This preview shows how the YUV color 55.8700, 6.9661, -41.1050 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 55.8700, 6.9661, -41.1050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

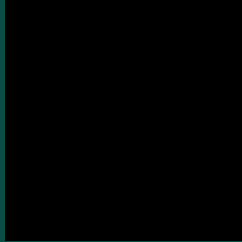
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.8700, 6.9661, -41.1050

Background



This preview shows how black text looks on a background with the YUV color 55.8700, 6.9661, -41.1050.



This preview shows how white text looks on a background with the YUV color 55.8700, 6.9661, -41.1050.

-41.1050.

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

55.8700, 6.9661, -41.1050

Protanopia

68.2560, -1.6052, 1.5295

Deuteranopia

68.7770, 1.5889, 3.7036



Tritanopia

59.5380, 10.5808, -33.7978

Trichromacy



Original Color

55.8700, 6.9661, -41.1050

Protanomaly

63.6670, 1.6432, -13.7400

Deuteranomaly

64.1340, 3.3849, -12.3955

Tritanomaly

58.4730, 9.1338, -36.3718

Monochromacy



Original Color

55.8700, 6.9661, -41.1050

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.1830, 2.3748, -15.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.8700, 6.9661, -41.1050 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(9, 77, 70)` looks like.

```
.text, #text, p{  
    color:rgb(9, 77, 70)  
}
```

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(9, 77, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 77, 70) }
```

Border

The CSS property to change the border of an element to YUV 55.8700, 6.9661, -41.1050 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(9, 77, 70) }
```


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

```
.border{ border-color:rgb(9, 77, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 77, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 77, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 77, 70); box-shadow:4px  
4px 4px 4px rgb(9, 77, 70) }
```

Background

The CSS property to change the background color of an element to YUV 55.8700, 6.9661, -41.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 77, 70) }
```

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

```
.background{ background-color: rgb(9, 77,  
70) }
```

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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