

Converting Colors

YUV(40.8700, 10.4171,
-27.9500)

Have a look what the booklet for
YUV(40.8700, 10.4171, -27.9500)
contains.

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Color

**YUV(40.8700, 10.4171,
-27.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	09353E
RGB	9, 53, 62
RGB Percent	4%, 21%, 24%
CMY	0.9647, 0.7922, 0.7569
CMYK	0.85, 0.15, 0.00, 0.76
HSL	190°, 75%, 14%
HSV	190°, 85%, 24%
XYZ	2.2553, 2.9521, 5.0084
YIQ	40.8700, -29.1130, -6.5290

Conversions

Conversions Part 2

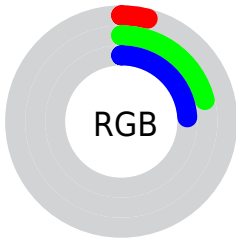
Format	Color
R _Y B	9, 33, 62
Decimal	603454
CIE Lab	19.85, -10.85, -9.85
CIE LCh	20, 14.654, 222.222
Yxy	2.9521, 0.2208, 0.2890
Android (android.graphics.Color)	4278793534 (0xFF09353E)
YUV	40.8700, 10.4171, -27.9500
Hunter-Lab	17.1816, -6.6379, -5.2556

Details

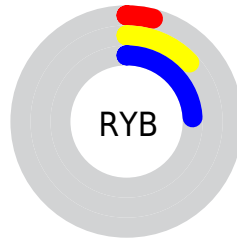
The YUV color **40.8700, 10.4171, -27.9500** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **30.1300, -10.4171, 27.9500**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.3650, 9.6801, -24.8761**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **38.4890, 11.5909, -31.1239**, and if you desaturate by 10%, it is **43.2510, 9.2433, -24.7761**.

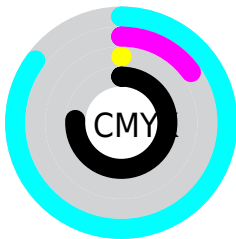
Distribution



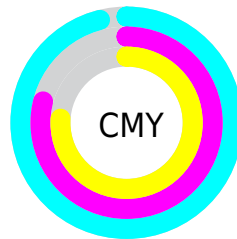
- Red (4%)
- Green (21%)
- Blue (24%)



- Red (4%)
- Yellow (13%)
- Blue (24%)



- Cyan (85%)
- Magenta (15%)
- Yellow (0%)
- Black (76%)



- Cyan (96%)
- Magenta (79%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.8700, 10.4171, -27.9500 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 40.8700, 10.4171, -27.9500 by changing the saturation by 10% instead.

■ 40.8700, 10.4171,
-27.9500

■ 40.8700, 10.4171,
-27.9500

■ 253.2060, 0.8844,
-3.6887

■ 23.3440, 8.2114,
-20.4727

■ 89.3650, 9.6801,
-24.8761

■ 2.8670, 8.4466,
-2.5144

■ 114.4790, 10.1169,
-24.9761

■ 0.0000, 0.0000,
0.0000

■ 140.1800, 10.2643,
-25.5909

■ 166.2940, 10.7011,
-25.6908

■ 193.9950, 10.8485,
-26.3056

■ 221.9950, 10.8485,

-26.3056

■ 244.5350, 5.1592,
-21.5172

■ 40.8700, 10.4171,
-27.9500

■ 40.8700, 10.4171,
-27.9500

■ 38.4890, 11.5909,
-31.1239

■ 43.2510, 9.2433,
-24.7761

■ 37.0050, 12.3225,
-32.4534

■ 45.6320, 8.0694,
-21.6023

■ 48.3120, 6.7482,
-17.8136

■ 50.6930, 5.5744,
-14.6398

■ 53.0740, 4.4005,
-11.4659

■ 55.4550, 3.2267,
-8.2920

■ 57.8360, 2.0529,
-5.1182

■ 60.5160, 0.7316,
-1.3295

■ 62.8970, -0.4422,
1.8443

Harmonies

Analogous

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



41.5130, 5.1701, -25.0059



40.8700, 10.4171, -27.9500



44.5660, 11.5530, -18.9134

Triad

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



40.8700, 10.4171, -27.9500



49.7720, 2.5774, 13.3550



47.0900, -9.9044, 3.4291

Complementary

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



40.8700, 10.4171, -27.9500



30.1300, -10.4171, 27.9500

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.



47.8460, -9.7841, 11.5361



40.8700, 10.4171, -27.9500



49.1270, -2.5276, 17.4286

Square

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



40.8700, 10.4171, -27.9500



49.5690, 7.1145, 4.7630



48.5630, -7.1796, 16.1692



45.8330, -6.8197, -5.9925

Rectangle

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



40.8700, 10.4171, -27.9500



46.7950, 10.9471, -11.2212



48.5630, -7.1796, 16.1692



47.2860, -10.4940, 5.8882

Sweetspot

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



40.8700, 10.4171, -27.9500



73.0740, 4.4005, -11.4659



41.1370, -11.4065, -28.1841



35.9390, 2.4951, -6.9625



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



40.8700, 10.4171, -27.9500



49.2640, 16.1388, -43.2045



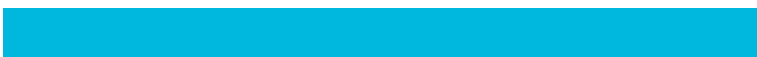
25.6080, 17.9413, -14.5652



29.5160, 0.7316, -1.3295



56.5020, 18.4865, -49.5523



133.3160, 43.7212, -116.9181

Inverse Universe

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



29.8630, 11.4065, 28.1841



32.2700, 17.6149, 43.6132



45.3920, -17.9413, 14.5652



29.1250, 0.4314, 1.6444



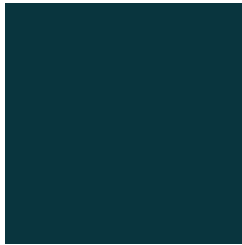
36.9980, 20.2140, 49.9908



87.3540, 47.6465, 118.0845

Previews

White Background



This preview shows how the YUV color 40.8700, 10.4171, -27.9500 looks on a white background.

Color Contrast Check

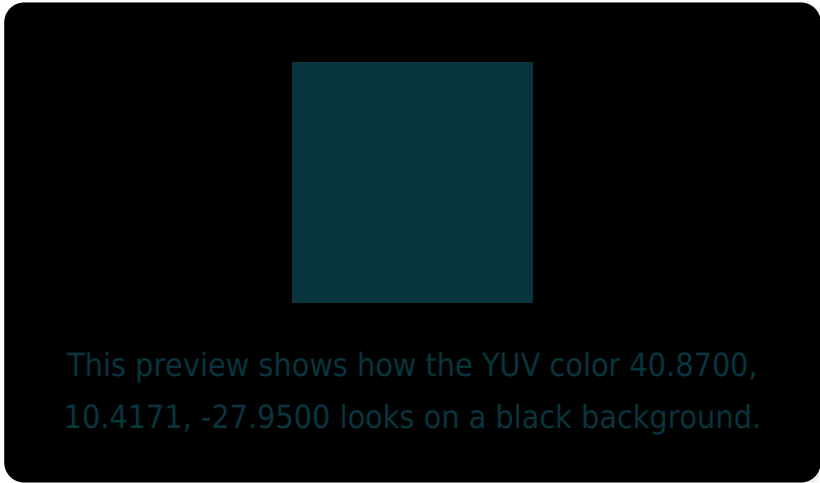
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

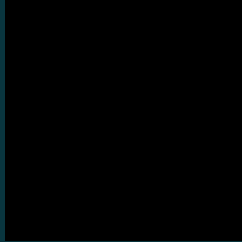
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

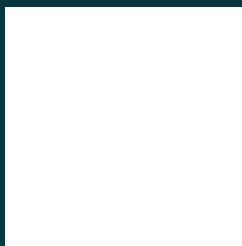
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 40.8700, 10.4171, -27.9500

Background



This preview shows how black text looks on a background with the YUV color 40.8700, 10.4171, -27.9500.



This preview shows how white text looks on a background with the YUV color 40.8700, 10.4171,

-27.9500.

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

40.8700, 10.4171, -27.9500

Protanopia

48.5420, 4.6628, -2.2293

Deuteranopia

48.2260, 7.2836, -2.8292



Tritanopia

38.3100, 9.7072, -33.5979

Trichromacy



Original Color

40.8700, 10.4171, -27.9500

Protanomaly

45.9430, 6.4371, -11.3510

Deuteranomaly

45.5130, 8.6211, -11.8509

Tritanomaly

39.3210, 9.7017, -31.8535

Monochromacy



Original Color

40.8700, 10.4171, -27.9500

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.6720, 4.1057, -10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.8700, 10.4171, -27.9500 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, 53, 62)` looks like.

```
.text, #text, p{  
    color:rgb(9, 53, 62)  
}
```

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, 53, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 53, 62) }
```

Border

The CSS property to change the border of an element to YUV 40.8700, 10.4171, -27.9500 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, 53, 62) }
```


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

```
.border{ border-color:rgb(9, 53, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 53, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 53, 62); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 53, 62); box-shadow:4px  
4px 4px 4px rgb(9, 53, 62) }
```

Background

The CSS property to change the background color of an element to YUV 40.8700, 10.4171, -27.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 53, 62) }
```

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

```
.background{ background-color: rgb(9, 53,  
62) }
```

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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