

Converting Colors

YUV(36.1970, 7.7909, -25.6058)

Have a look what the booklet for
YUV(36.1970, 7.7909, -25.6058)
contains.

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Color

**YUV(36.1970, 7.7909,
-25.6058)**

Conversions

Conversions Part 1

Format	Color
Hex	073034
RGB	7, 48, 52
RGB Percent	3%, 19%, 20%
CMY	0.9725, 0.8118, 0.7961
CMYK	0.87, 0.08, 0.00, 0.80
HSL	185°, 76%, 12%
HSV	185°, 87%, 20%
XYZ	1.7644, 2.4070, 3.6204
YIQ	36.1970, -25.7200, -7.4480

Conversions

Conversions Part 2

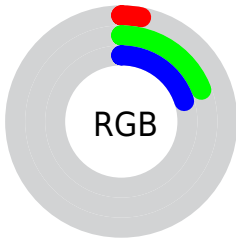
Format	Color
RYB	7, 28, 52
Decimal	471092
CIELab	17.49, -11.97, -6.57
CIELCh	17, 13.657, 208.739
Yxy	2.4070, 0.2264, 0.3089
Android (android.graphics.Color)	4278661172 (0xFF073034)
YUV	36.1970, 7.7909, -25.6058
Hunter-Lab	15.5145, -6.8503, -2.9755

Details

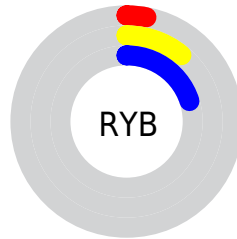
The YUV color **36.1970, 7.7909, -25.6058** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22.8030, -7.7909, 25.6058**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.3930, 7.2013, -23.1467**, and **0.5700, 2.1840, -0.4999** is the 20% darker color. If you saturate the color by 10%, you get **34.7020, 8.5279, -28.6797**, and if you desaturate by 10%, it is **37.6920, 7.0538, -22.5319**.

Distribution



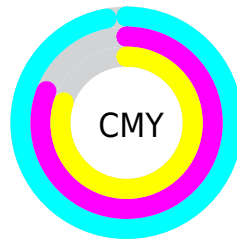
- Red (3%)
- Green (19%)
- Blue (20%)



- Red (3%)
- Yellow (11%)
- Blue (20%)



- Cyan (87%)
- Magenta (8%)
- Yellow (0%)
- Black (80%)



- Cyan (97%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.1970, 7.7909, -25.6058 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 36.1970, 7.7909, -25.6058 by changing the saturation by 10% instead.

■ 36.1970, 7.7909,
-25.6058

■ 36.1970, 7.7909,
-25.6058

■ 251.4120, 1.7689,
-7.3773

■ 19.9700, 5.4378,
-17.5137

■ 83.3930, 7.2013,
-23.1467

■ 0.5700, 2.1840,
-0.4999

■ 108.3930, 7.2013,
-23.1467

■ 0.0000, 0.0000,
0.0000

■ 134.0940, 7.3487,
-23.7614

■ 160.2080, 7.7855,
-23.8614

■ 187.4960, 7.6435,
-24.9910

■ 215.4960, 7.6435,

-24.9910

■ 243.0400, 5.8963,
-24.5911

■ 36.1970, 7.7909,
-25.6058

■ 36.1970, 7.7909,
-25.6058

■ 34.7020, 8.5279,
-28.6797

■ 37.6920, 7.0538,
-22.5319

■ 33.5170, 9.1121,
-29.3944

■ 39.7740, 6.0274,
-19.9728

■ 41.5680, 5.1430,
-16.2841

■ 43.6500, 4.1166,
-13.7250

■ 45.1450, 3.3795,
-10.6512

■ 47.2270, 2.3531,
-8.0921

■ 48.7220, 1.6161,
-5.0182

■ 51.1030, 0.4422,
-1.8443

■ 52.5980, -0.2948,
1.2296

Harmonies

Analogous

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



37.7480, 2.0962, -19.0730



36.1970, 7.7909, -25.6058



38.2020, 10.2534, -22.1022

Triad

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



36.1970, 7.7909, -25.6058



44.2060, 4.3354, 9.4663



42.2260, -9.4784, 6.8178

Complementary

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



36.1970, 7.7909, -25.6058



22.8030, -7.7909, 25.6058

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.



43.1990, -8.4791, 12.9805



36.1970, 7.7909, -25.6058



43.8000, 0.0986, 15.0844

Square

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



36.1970, 7.7909, -25.6058



44.0630, 7.8569, -0.0553



43.5460, -4.7062, 16.1842



41.2250, -7.9989, -1.0743

Rectangle

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



36.1970, 7.7909, -25.6058



40.3600, 10.6685, -15.2247



43.5460, -4.7062, 16.1842



42.6500, -9.1944, 9.0770

Sweetspot

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



36.1970, 7.7909, -25.6058



62.4440, 3.2321, -10.0364



33.8710, -11.2754, -23.5659



32.1240, 1.9109, -6.2477



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.



36.1970, 7.7909, -25.6058



44.8470, 11.9074, -39.3308



23.2830, 14.1575, -14.2802



24.5160, 0.7316, -1.3295



57.6930, 15.4344, -50.5968



140.3770, 37.7751, -123.1106

Inverse Universe

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



25.1290, 11.2754, 23.5659



27.8130, 17.3472, 36.1210



35.7170, -14.1575, 14.2802



24.1250, 0.4314, 1.6444



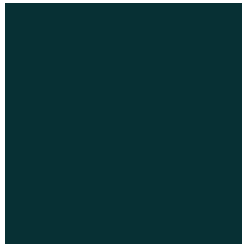
35.8450, 22.2614, 46.6169



87.3410, 54.0619, 113.7109

Previews

White Background



This preview shows how the YUV color 36.1970, 7.7909, -25.6058 looks on a white background.

Color Contrast Check

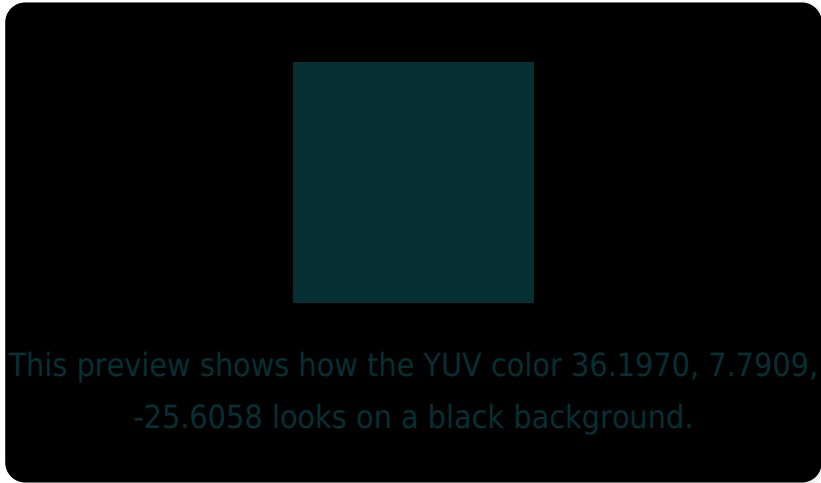
Large Text (above 18pt) WCAG AA ✓ Pass

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

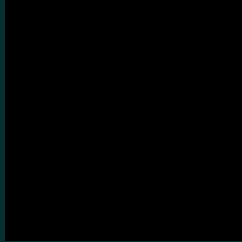
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

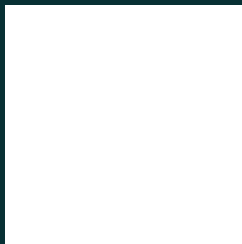
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 36.1970, 7.7909, -25.6058

Background



This preview shows how black text looks on a background with the YUV color 36.1970, 7.7909, -25.6058.



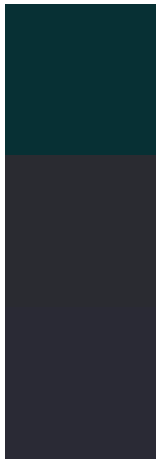
This preview shows how white text looks on a background with the YUV color 36.1970, 7.7909, -25.6058.

-25.6058.

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

36.1970, 7.7909, -25.6058

Protanopia

43.3850, 2.7682, -1.2146

Deuteranopia

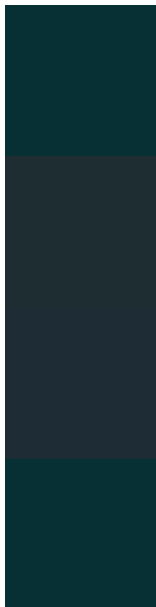
43.2540, 4.8048, -1.0998



Tritanopia

36.1970, 7.7909, -25.6058

Trichromacy



Original Color

36.1970, 7.7909, -25.6058

Protanomaly

40.7860, 4.5425, -10.3363

Deuteranomaly

40.5410, 6.1423, -10.1215

Tritanomaly

36.1970, 7.7909, -25.6058

Monochromacy



Original Color

36.1970, 7.7909, -25.6058

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7430, 3.0847, -9.4216

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.1970, 7.7909, -25.6058 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(7, 48, 52)` looks like.

```
.text, #text, p{  
    color:rgb(7, 48, 52)  
}
```

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(7, 48, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 48, 52) }
```

Border

The CSS property to change the border of an element to YUV 36.1970, 7.7909, -25.6058 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(7, 48, 52) }
```


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

```
.border{ border-color:rgb(7, 48, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 48, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 48, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 48, 52); box-shadow:4px  
4px 4px 4px rgb(7, 48, 52) }
```

Background

The CSS property to change the background color of an element to YUV 36.1970, 7.7909, -25.6058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 48, 52) }
```

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

```
.background{ background-color: rgb(7, 48,  
52) }
```

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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