

Converting Colors

YUV(36.8870, 7.9437, -27.9649)

Have a look what the booklet for
YUV(36.8870, 7.9437, -27.9649)
contains.

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Color

**YUV(36.8870, 7.9437,
-27.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	053235
RGB	5, 50, 53
RGB Percent	2%, 20%, 21%
CMY	0.9804, 0.8039, 0.7922
CMYK	0.91, 0.06, 0.00, 0.79
HSL	184°, 83%, 11%
HSV	184°, 91%, 21%
XYZ	1.8458, 2.5705, 3.7670
YIQ	36.8870, -27.7830, -8.6070

Conversions

Conversions Part 2

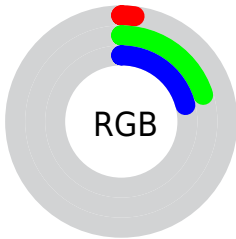
Format	Color
R _Y B	5, 28, 53
Decimal	340533
CIE Lab	18.23, -13.17, -6.14
CIE LCh	18, 14.530, 205.015
Yxy	2.5705, 0.2256, 0.3141
Android (android.graphics.Color)	4278530613 (0xFF053235)
YUV	36.8870, 7.9437, -27.9649
Hunter-Lab	16.0328, -7.5074, -2.7077

Details

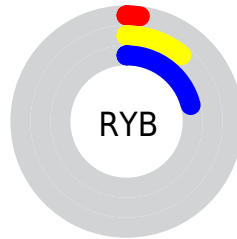
The YUV color **36.8870, 7.9437, -27.9649** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **21.1130, -7.9437, 27.9649**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.6810, 7.0593, -24.2762**, and **0.9120, 3.4944, -0.7998** is the 20% darker color. If you saturate the color by 10%, you get **35.3920, 8.6807, -31.0388**, and if you desaturate by 10%, it is **38.3820, 7.2067, -24.8910**.

Distribution



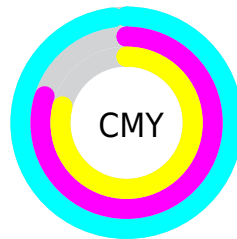
- Red (2%)
- Green (20%)
- Blue (21%)



- Red (2%)
- Yellow (11%)
- Blue (21%)



- Cyan (91%)
- Magenta (6%)
- Yellow (0%)
- Black (79%)



- Cyan (98%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.8870, 7.9437, -27.9649 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 36.8870, 7.9437, -27.9649 by changing the saturation by 10% instead.

■ 36.8870, 7.9437,
-27.9649

■ 36.8870, 7.9437,
-27.9649

■ 251.4120, 1.7689,
-7.3773

■ 20.6710, 5.5852,
-18.1285

■ 84.6810, 7.0593,
-24.2762

■ 0.9120, 3.4944,
-0.7998

■ 109.3820, 7.2067,
-24.8910

■ 0.0000, 0.0000,
0.0000

■ 135.0830, 7.3541,
-25.5058

■ 161.7840, 7.5015,
-26.1206

■ 188.7840, 7.5015,
-26.1206

■ 216.4850, 7.6489,

-26.7353

■ 242.7410, 6.0437,
-25.2059

■ 36.8870, 7.9437,
-27.9649

■ 36.8870, 7.9437,
-27.9649

■ 35.3920, 8.6807,
-31.0388

■ 38.3820, 7.2067,
-24.8910

■ 40.7630, 6.0328,
-21.7172

■ 42.2580, 5.2958,
-18.6433

■ 43.7530, 4.5588,
-15.5694

■ 46.1340, 3.3849,
-12.3955

■ 47.6290, 2.6479,
-9.3216

■ 49.1240, 1.9109,
-6.2477

■ 51.2060, 0.8844,
-3.6887

■ 53.0000, 0.0000,
0.0000

Harmonies

Analogous

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



39.2210, 1.3700, -19.4878



36.8870, 7.9437, -27.9649



38.4080, 11.1379, -25.7908

Triad

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



36.8870, 7.9437, -27.9649



46.1350, 5.3564, 8.6516



43.8240, -9.7732, 8.0474

Complementary

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



36.8870, 7.9437, -27.9649



21.1130, -7.9437, 27.9649

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.



44.9110, -8.3371, 14.1101



36.8870, 7.9437, -27.9649



45.9140, 0.5354, 14.9844

Square

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



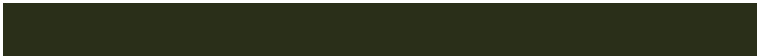
36.8870, 7.9437, -27.9649



44.6930, 9.0254, -1.4848



45.2580, -4.5642, 17.3137



42.9970, -8.8725, -0.8744

Rectangle

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



36.8870, 7.9437, -27.9649



41.2780, 11.6949, -17.7838



45.2580, -4.5642, 17.3137



44.1340, -9.9261, 10.4065

Sweetspot

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



36.8870, 7.9437, -27.9649



62.7320, 3.0901, -11.1660



33.4040, -13.0172, -24.9103



31.8250, 2.0583, -6.8625



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.



36.8870, 7.9437, -27.9649



46.0210, 11.3286, -40.3604



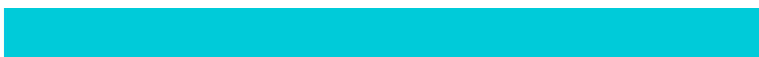
23.3860, 14.5997, -16.1245



24.5160, 0.7316, -1.3295



59.4540, 14.5662, -52.1412



143.8990, 36.0388, -126.1994

Inverse Universe

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



24.4820, 12.5804, 25.0103



28.0410, 18.2208, 35.9210



34.6140, -14.5997, 16.1245



24.1250, 0.4314, 1.6444



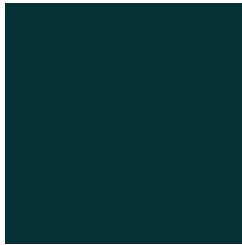
36.1870, 23.5718, 46.3170



88.0250, 56.6827, 113.1111

Previews

White Background



This preview shows how the YUV color 36.8870, 7.9437, -27.9649 looks on a white background.

Color Contrast Check

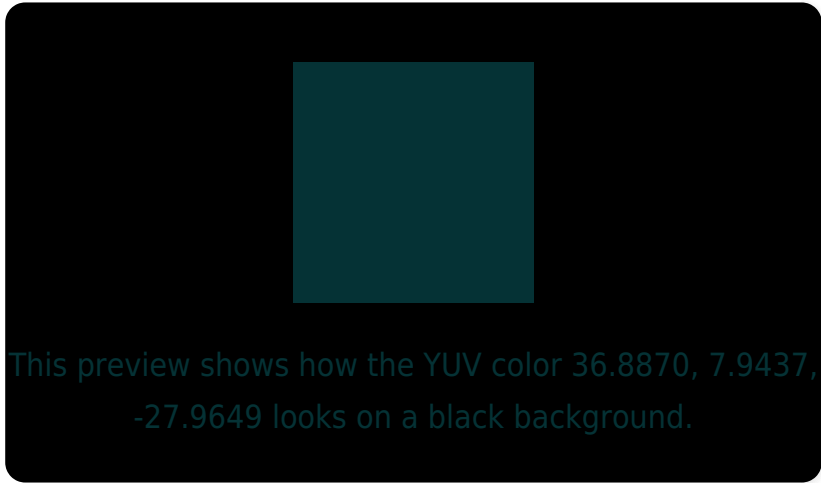
Large Text (above 18pt) WCAG AA ✓ Pass

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

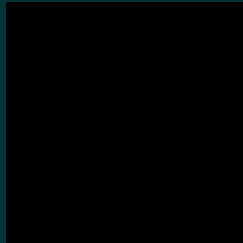
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.8870, 7.9437, -27.9649

Background



This preview shows how black text looks on a background with the YUV color 36.8870, 7.9437, -27.9649.



This preview shows how white text looks on a background with the YUV color 36.8870, 7.9437, -27.9649.

-27.9649.

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

36.8870, 7.9437, -27.9649

Protanopia

45.1570, 1.8946, -1.0147

Deuteranopia

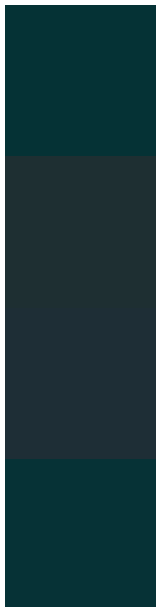
45.4390, 4.2206, -0.3850



Tritanopia

37.5990, 8.0857, -26.8353

Trichromacy



Original Color

36.8870, 7.9437, -27.9649

Protanomaly

42.2590, 3.8163, -10.7511

Deuteranomaly

42.1280, 5.8529, -10.6363

Tritanomaly

37.3000, 8.2331, -27.4501

Monochromacy



Original Color

36.8870, 7.9437, -27.9649

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0310, 2.9427, -10.5512

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8870, 7.9437, -27.9649 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(5, 50, 53)` looks like.

```
.text, #text, p{  
    color:rgb(5, 50, 53)  
}
```

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(5, 50, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 50, 53) }
```

Border

The CSS property to change the border of an element to YUV 36.8870, 7.9437, -27.9649 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(5, 50, 53) }
```


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

```
.border{ border-color:rgb(5, 50, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 50, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 50, 53); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 50, 53); box-shadow:4px  
4px 4px 4px rgb(5, 50, 53) }
```

Background

The CSS property to change the background color of an element to YUV 36.8870, 7.9437, -27.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 50, 53) }
```

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

```
.background{ background-color: rgb(5, 50,  
53) }
```

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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