

Converting Colors

YUV(36.9760, -0.4812, -32.4280)

Have a look what the booklet for
YUV(36.9760, -0.4812, -32.4280)
contains.

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Color

**YUV(36.9760, -0.4812,
-32.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	003824
RGB	0, 56, 36
RGB Percent	0%, 22%, 14%
CMY	1.0000, 0.7804, 0.8588
CMYK	1.00, 0.00, 0.36, 0.78
HSL	159°, 100%, 11%
HSV	159°, 100%, 22%
XYZ	1.7326, 2.9557, 2.1483
YIQ	36.9760, -26.9560, -18.0920

Conversions

Conversions Part 2

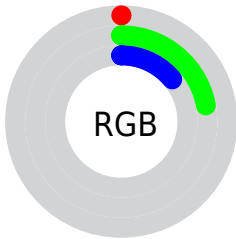
Format	Color
RYB	0, 34, 56
Decimal	14372
CIELab	19.87, -23.00, 7.79
CIELCh	20, 24.288, 161.281
Yxy	2.9557, 0.2534, 0.4323
Android (android.graphics.Color)	4278204452 (0xFF003824)
YUV	36.9760, -0.4812, -32.4280
Hunter-Lab	17.1922, -12.0974, 4.6259

Details

The YUV color **36.9760, -0.4812, -32.4280** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19.0240, 0.4812, 32.4280**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.1290, -2.5286, -29.0541**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.9760, -0.4812, -32.4280**, and if you desaturate by 10%, it is **38.9980, -0.4920, -28.9392**.

Distribution



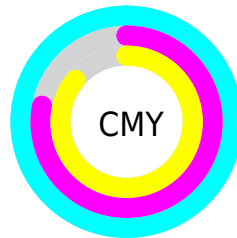
- Red (0%)
- Green (22%)
- Blue (14%)



- Red (0%)
- Yellow (13%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.9760, -0.4812, -32.4280 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 36.9760, -0.4812, -32.4280 by changing the saturation by 10% instead.

■ 36.9760, -0.4812,
-32.4280

■ 36.9760, -0.4812,
-32.4280

■ 250.5150, 2.2111,
-9.2217

■ 22.2550, -3.5767,
-19.5176

■ 86.1290, -2.5286,
-29.0541

■ 0.0000, 0.0000,
0.0000

■ 111.0150, -2.9654,
-28.9542

■ 136.6020, -3.2548,
-29.4690

■ 163.1890, -3.5442,
-29.9838

■ 190.7760, -3.8336,
-30.4986

■ 218.3630, -4.1230,

-31.0134

■ 240.0200, -0.5029,
-25.4505

■ 36.9760, -0.4812,
-32.4280

■ 38.9980, -0.4920,
-28.9392

■ 40.7210, -0.3555,
-26.0653

■ 42.7430, -0.3663,
-22.5766

■ 44.4660, -0.2297,
-19.7027

■ 46.4880, -0.2406,
-16.2140

■ 48.5100, -0.2514,
-12.7253

■ 50.2330, -0.1149,
-9.8513

■ 52.2550, -0.1257,
-6.3626

■ 53.9780, 0.0108,
-3.4887

Harmonies

Analogous

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



43.5460, -11.6082, -10.1258



36.9760, -0.4812, -32.4280



39.6150, 7.0918, -34.7424

Triad

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



36.9760, -0.4812, -32.4280



46.0100, 18.2361, -15.7948



47.3040, -10.9959, 26.9204

Complementary

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



36.9760, -0.4812, -32.4280



19.0240, 0.4812, 32.4280

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.



47.7910, -2.8550, 29.1243



36.9760, -0.4812, -32.4280



49.9590, 12.3452, 7.0520

Square

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



36.9760, -0.4812, -32.4280



40.3450, 20.0429, -35.3826



49.2230, 5.3131, 22.6064



46.7560, -16.6417, 17.7540

Rectangle

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



36.9760, -0.4812, -32.4280



40.3960, 12.6228, -35.4273



49.2230, 5.3131, 22.6064



47.4120, -8.0911, 28.5797

Sweetspot

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



36.9760, -0.4812, -32.4280



66.5100, -0.2514, -12.7253



39.1510, -19.3014, -15.9184



33.2440, -0.1203, -8.1070



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



36.9760, -0.4812, -32.4280



48.9100, -0.4486, -42.8941



35.1470, 10.2805, -30.8239



26.9890, 0.0054, -1.7444



60.7300, -0.8529, -53.2602



144.6270, -1.7881, -126.8379

Inverse Universe

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



19.0240, 0.4812, 32.4280



25.0900, 0.4486, 42.8941



20.8530, -10.2805, 30.8239



26.0110, -0.0054, 1.7444



31.2700, 0.8529, 53.2602



74.3730, 1.7881, 126.8379

Previews

White Background



This preview shows how the YUV color 36.9760, -0.4812, -32.4280 looks on a white background.

Color Contrast Check

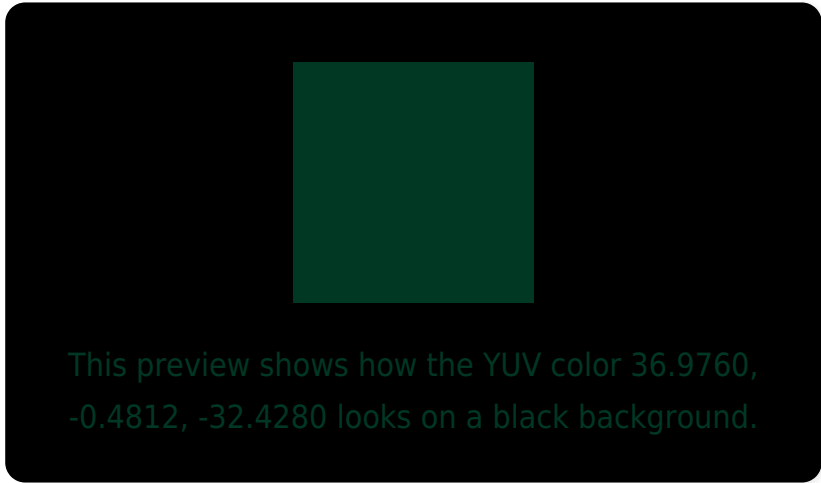
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.9760, -0.4812, -32.4280

Background



This preview shows how black text looks on a background with the YUV color 36.9760, -0.4812, -32.4280.

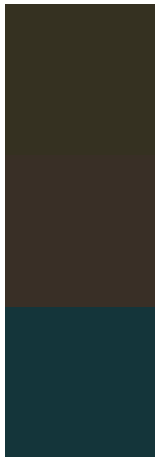


This preview shows how white text looks on a background with the YUV color 36.9760, -0.4812,

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



Protanopia

48.3720, -7.5784, 4.0588

Deuteranopia

48.9640, -5.4053, 7.0476

Tritanopia

43.7030, 7.0484, -20.7875

Trichromacy



Protanomaly

44.5660, -5.2090, -9.2664

Deuteranomaly

44.3320, -3.6147, -7.3072

Tritanomaly

41.2850, 4.2965, -24.8059

Monochromacy



Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.2220, -0.1094, -11.5957

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9760, -0.4812, -32.4280 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(0, 56, 36)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 36)  
}
```

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(0, 56, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 36) }
```

Border

The CSS property to change the border of an element to YUV 36.9760, -0.4812, -32.4280 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(0, 56, 36) }
```

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

```
.border{ border-color:rgb(0, 56, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 56, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 56, 36); box-shadow:4px  
4px 4px 4px rgb(0, 56, 36) }
```


Background

The CSS property to change the background color of an element to YUV 36.9760, -0.4812, -32.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 36) }
```

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

```
.background{ background-color: rgb(0, 56,  
36) }
```

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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