

Converting Colors

YUV(33.7960, 2.5656, -29.6391)

Have a look what the booklet for
YUV(33.7960, 2.5656, -29.6391)
contains.

YUV(33.7960, 2.5656, -29.6391)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(33.7960, 2.5656,
-29.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	003227
RGB	0, 50, 39
RGB Percent	0%, 20%, 15%
CMY	1.0000, 0.8039, 0.8471
CMYK	1.00, 0.00, 0.22, 0.80
HSL	167°, 100%, 10%
HSV	167°, 100%, 20%
XYZ	1.5068, 2.4277, 2.3086
YIQ	33.7960, -26.2690, -14.0210

Conversions

Conversions Part 2

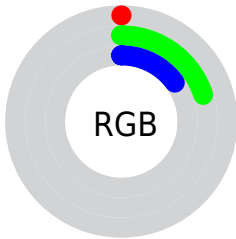
Format	Color
RYB	0, 28, 50
Decimal	12839
CIELab	17.59, -19.17, 2.56
CIElCh	18, 19.341, 172.408
Yxy	2.4277, 0.2414, 0.3889
Android (android.graphics.Color)	4278202919 (0xFF003227)
YUV	33.7960, 2.5656, -29.6391
Hunter-Lab	15.5810, -10.0044, 2.1218

Details

The YUV color **33.7960, 2.5656, -29.6391** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.2040, -2.5656, 29.6391**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.7640, 1.1023, -26.9800**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.7960, 2.5656, -29.6391**, and if you desaturate by 10%, it is **35.4050, 2.2653, -26.6652**.

Distribution



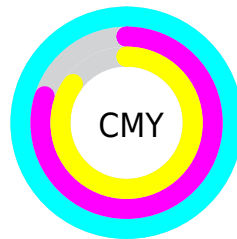
- Red (0%)
- Green (20%)
- Blue (15%)



- Red (0%)
- Yellow (11%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.7960, 2.5656, -29.6391 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 33.7960, 2.5656, -29.6391 by changing the saturation by 10% instead.

■ 33.7960, 2.5656,
-29.6391

■ 33.7960, 2.5656,
-29.6391

■ 249.6180, 2.6533,
-11.0660

■ 19.6620, -0.8194,
-17.2436

■ 81.7640, 1.1023,
-26.9800

■ 0.0000, 0.0000,
0.0000

■ 106.6500, 0.6656,
-26.8800

■ 132.2370, 0.3762,
-27.3948

■ 157.9380, 0.5236,
-28.0096

■ 185.5250, 0.2342,
-28.5244

■ 213.2260, 0.3816,

-29.1392

■ 239.4650, 1.2498,
-27.5948

■ 33.7960, 2.5656,
-29.6391

■ 35.4050, 2.2653,
-26.6652

■ 37.0140, 1.9651,
-23.6913

■ 38.6230, 1.6649,
-20.7174

■ 40.2320, 1.3646,
-17.7435

■ 41.9550, 1.5012,
-14.8695

■ 43.5640, 1.2009,
-11.8956

■ 45.1730, 0.9007,
-8.9217

■ 46.7820, 0.6005,
-5.9478

■ 48.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



38.6150, -6.2192, -11.9404



33.7960, 2.5656, -29.6391



35.3920, 8.6807, -31.0388

Triad

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



33.7960, 2.5656, -29.6391



43.5940, 12.5252, -4.0289



42.7760, -10.2426, 18.6134

Complementary

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



33.7960, 2.5656, -29.6391



16.2040, -2.5656, 29.6391

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.



43.1770, -5.0173, 22.6468



33.7960, 2.5656, -29.6391



44.4280, 7.6770, 11.0256

Square

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



33.7960, 2.5656, -29.6391



37.4880, 16.5214, -25.8610



44.1750, 1.3927, 20.0175



42.2220, -13.4204, 11.2063

Rectangle

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



33.7960, 2.5656, -29.6391



35.7170, 12.4645, -31.3238



44.1750, 1.3927, 20.0175



43.4280, -9.0850, 20.6726

Sweetspot

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



33.7960, 2.5656, -29.6391



57.8630, 1.0535, -11.2809



32.9380, -16.2384, -18.3626



29.1840, 0.8953, -7.1774



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

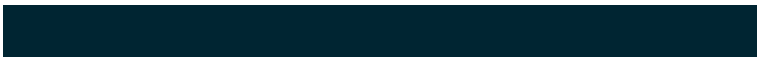
The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.7960, 2.5656, -29.6391



43.2680, 3.3189, -37.9460



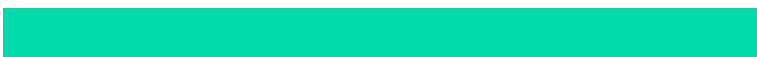
27.4190, 11.1324, -24.0465



24.9890, 0.0054, -1.7444



60.2230, 4.8201, -52.8156



146.6450, 11.0210, -128.6077

Inverse Universe

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



16.2040, -2.5656, 29.6391



20.7320, -3.3189, 37.9460



22.5810, -11.1324, 24.0465



24.0110, -0.0054, 1.7444



28.8910, -4.3833, 52.7156



70.3550, -11.0210, 128.6077

Previews

White Background



This preview shows how the YUV color 33.7960, 2.5656, -29.6391 looks on a white background.

Color Contrast Check

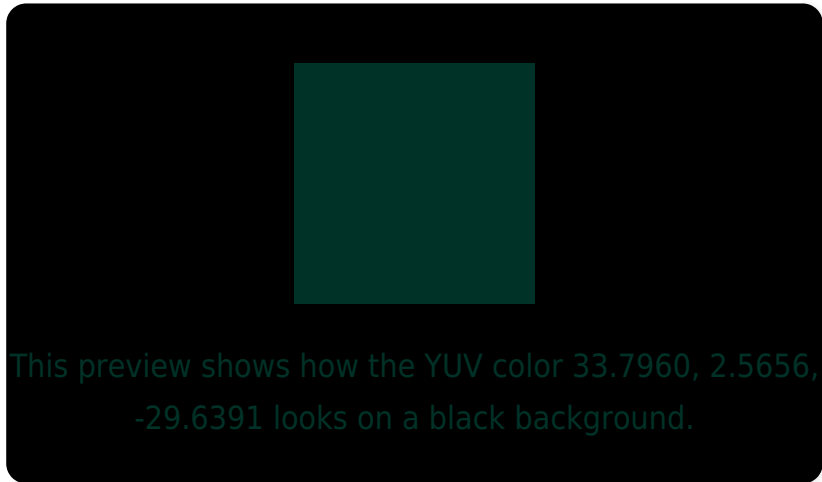
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.7960, 2.5656, -29.6391

Background



This preview shows how black text looks on a background with the YUV color 33.7960, 2.5656, -29.6391.



This preview shows how white text looks on a background with the YUV color 33.7960, 2.5656, -29.6391.

-29.6391.

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

43.6860, -3.7892, 2.0294

Deuteranopia

43.9790, -1.4686, 4.4034

Tritanopia

38.5890, 6.6116, -20.6876

Trichromacy



Protanomaly

39.8910, -1.4253, -9.5514

Deuteranomaly

40.2440, -0.1203, -8.1070

Tritanomaly

37.1110, 4.8753, -23.7763

Monochromacy



Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.1620, 0.9061, -10.6661

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.7960, 2.5656, -29.6391 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, 50, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 39)  
}
```

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, 50, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 39) }
```

Border

The CSS property to change the border of an element to YUV 33.7960, 2.5656, -29.6391 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, 50, 39) }
```

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

```
.border{ border-color:rgb(0, 50, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 50, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 50, 39); box-shadow:4px  
4px 4px 4px rgb(0, 50, 39) }
```


Background

The CSS property to change the background color of an element to YUV 33.7960, 2.5656, -29.6391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 50, 39) }
```

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

```
.background{ background-color: rgb(0, 50,  
39) }
```

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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