

Converting Colors

YUV(34.1550, 1.4026, -29.9539)

Have a look what the booklet for
YUV(34.1550, 1.4026, -29.9539)
contains.

YUV(34.1550, 1.4026, -29.9539)	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>	31

Color

**YUV(34.1550, 1.4026,
-29.9539)**

Conversions

Conversions Part 1

Format	Color
Hex	003325
RGB	0, 51, 37
RGB Percent	0%, 20%, 15%
CMY	1.0000, 0.8000, 0.8549
CMYK	1.00, 0.00, 0.27, 0.80
HSL	164°, 100%, 10%
HSV	164°, 100%, 20%
XYZ	1.5178, 2.5012, 2.1531
YIQ	34.1550, -25.9020, -15.1660

Conversions

Conversions Part 2

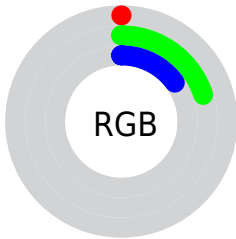
Format	Color
RYB	0, 30, 51
Decimal	13093
CIELab	17.92, -20.32, 4.41
CIELCh	18, 20.788, 167.761
Yxy	2.5012, 0.2459, 0.4053
Android (android.graphics.Color)	4278203173 (0xFF003325)
YUV	34.1550, 1.4026, -29.9539
Hunter-Lab	15.8153, -10.5465, 2.9991




Details

The YUV color **34.1550, 1.4026, -29.9539** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.8450, -1.4026, 29.9539**, and the grayscale version is **34.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **82.1230, -0.0606, -27.2949**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.1550, 1.4026, -29.9539**, and if you desaturate by 10%, it is **35.7640, 1.1023, -26.9800**.

Distribution







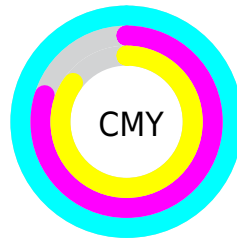
-  Red (0%)
-  Green (20%)
-  Blue (15%)






-  Red (0%)
-  Yellow (12%)
-  Blue (20%)



-  Cyan (100%)
-  Magenta (0%)
-  Yellow (27%)
-  Black (80%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 34.1550, 1.4026, -29.9539 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 34.1550, 1.4026, -29.9539 by changing the saturation by 10% instead.

■ 34.1550, 1.4026,
-29.9539

■ 34.1550, 1.4026,
-29.9539

■ 249.6180, 2.6533,
-11.0660

■ 20.0210, -1.9824,
-17.5584

■ 82.1230, -0.0606,
-27.2949

■ 0.0000, 0.0000,
0.0000

■ 107.0090, -0.4974,
-27.1949

■ 132.5960, -0.7868,
-27.7097

■ 159.1830, -1.0762,
-28.2245

■ 185.8840, -0.9288,
-28.8393

■ 213.7700, -1.3656,

-28.7393

■ 239.2370, 0.3762,
-27.3948

■ 34.1550, 1.4026,
-29.9539

■ 35.7640, 1.1023,
-26.9800

■ 37.4870, 1.2389,
-24.1061

■ 39.0960, 0.9387,
-21.1322

■ 40.8190, 1.0752,
-18.2583

■ 42.7270, 0.6276,
-14.6696

■ 44.3360, 0.3274,
-11.6957

■ 46.0590, 0.4639,
-8.8217

■ 47.6680, 0.1637,
-5.8478

■ 49.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



39.4580, -8.1138, -10.9257



34.1550, 1.4026, -29.9539



35.8650, 7.9546, -31.4536

Triad

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



34.1550, 1.4026, -29.9539



43.3270, 14.1358, -7.3028



43.3850, -10.5428, 21.5874

Complementary

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



34.1550, 1.4026, -29.9539



16.8450, -1.4026, 29.9539

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.



43.8290, -3.8597, 24.7060



34.1550, 1.4026, -29.9539



45.1720, 9.2822, 9.4962

Square

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



34.1550, 1.4026, -29.9539



35.9110, 18.2849, -31.4939



44.9300, 2.9925, 20.2324



42.8910, -14.7363, 13.2506

Rectangle

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



34.1550, 1.4026, -29.9539



37.0050, 12.3225, -32.4534



44.9300, 2.9925, 20.2324



43.8520, -8.8010, 22.9318

Sweetspot

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



34.1550, 1.4026, -29.9539



59.4500, 0.7642, -11.7956



34.1230, -16.8226, -17.6479



29.0700, 0.4585, -7.0774



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.



34.1550, 1.4026, -29.9539



44.2140, 1.8665, -38.7757



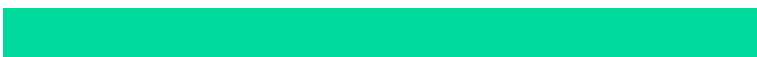
29.2940, 10.7011, -25.6908



24.9890, 0.0054, -1.7444



59.6530, 2.6361, -52.3157



145.2770, 5.7794, -127.4079

Inverse Universe

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



16.8450, -1.4026, 29.9539



21.7860, -1.8665, 38.7757



21.7060, -10.7011, 25.6908



24.0110, -0.0054, 1.7444



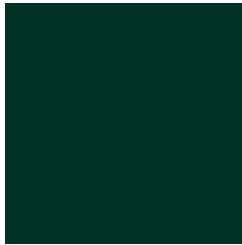
29.4610, -2.1993, 52.2157



71.7230, -5.7794, 127.4079

Previews

White Background



This preview shows how the YUV color 34.1550, 1.4026, -29.9539 looks on a white background.

Color Contrast Check

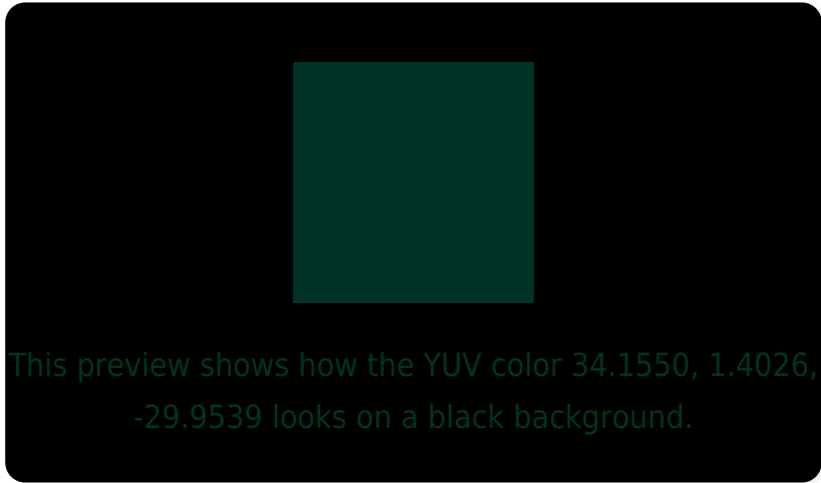
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1550, 1.4026, -29.9539

Background



This preview shows how black text looks on a background with the YUV color 34.1550, 1.4026, -29.9539.



This preview shows how white text looks on a background with the YUV color 34.1550, 1.4026, -29.9539.

-29.9539.

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

34.1550, 1.4026, -29.9539

Protanopia

44.0560, -4.9576, 3.4589

Deuteranopia

44.9360, -2.9264, 5.3181



Tritanopia

39.8880, 6.4642, -20.0728

Trichromacy



Original Color

34.1550, 1.4026, -29.9539

Protanomaly

40.8480, -2.8831, -8.6367

Deuteranomaly

40.9020, -1.4307, -7.8071

Tritanomaly

37.9970, 4.4385, -23.6764

Monochromacy



Original Color

34.1550, 1.4026, -29.9539

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.0480, 0.4693, -10.5661

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.1550, 1.4026, -29.9539 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, 51, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 37)  
}
```

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, 51, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 37) }
```

Border

The CSS property to change the border of an element to YUV 34.1550, 1.4026, -29.9539 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, 51, 37) }
```


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

```
.border{ border-color:rgb(0, 51, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 37); box-shadow:4px  
4px 4px 4px rgb(0, 51, 37) }
```

Background

The CSS property to change the background color of an element to YUV 34.1550, 1.4026, -29.9539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 37) }
```

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

```
.background{ background-color: rgb(0, 51,  
37) }
```

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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