

Converting Colors

YUV(32.3990, -15.4797,
-28.4139)

Have a look what the booklet for
YUV(32.3990, -15.4797, -28.4139)
contains.

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Color

**YUV(32.3990, -15.4797,
-28.4139)**

Conversions

Conversions Part 1

Format	Color
Hex	003701
RGB	0, 55, 1
RGB Percent	0%, 22%, 0%
CMY	1.0000, 0.7843, 0.9961
CMYK	1.00, 0.00, 0.98, 0.78
HSL	121°, 100%, 11%
HSV	121°, 100%, 22%
XYZ	1.3717, 2.7346, 0.4842
YIQ	32.3990, -15.4460, -28.4540

Conversions

Conversions Part 2

Format	Color
RYB	0, 54, 55
Decimal	14081
CIELab	18.95, -28.90, 25.74
CIELCh	19, 38.706, 138.312
Yxy	2.7346, 0.2988, 0.5957
Android (android.graphics.Color)	4278204161 (0xFF003701)
YUV	32.3990, -15.4797, -28.4139
Hunter-Lab	16.5365, -14.1328, 9.8394

Details

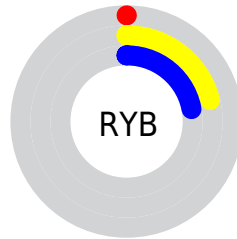
The YUV color **32.3990, -15.4797, -28.4139** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **22.6010, 15.4797, 28.4139**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.7800, -16.6535, -25.2401**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.3990, -15.4797, -28.4139**, and if you desaturate by 10%, it is **34.4640, -14.0328, -25.8399**.

Distribution



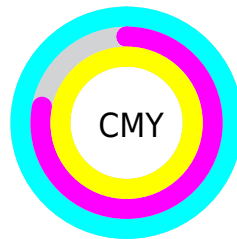
- Red (0%)
- Green (22%)
- Blue (0%)



- Red (0%)
- Yellow (21%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (78%)





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

Brightness & Saturation Gradients


These gradients show how the YUV color 32.3990, -15.4797, -28.4139 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 32.3990, -15.4797, -28.4139 by changing the saturation by 10% instead.

 32.3990, -15.4797,
-28.4139


 32.3990, -15.4797,
-28.4139


 247.8500, -9.2930,
-6.0074

 19.9580, -9.8393,
-17.5032


 81.7800, -16.6535,
-25.2401

 0.0000, 0.0000,
0.0000

 106.5520,
-17.5271, -25.0401


 132.3240,
-18.4007, -24.8401


 158.7970,
-19.1269, -25.2550


 185.9710,
-19.7057, -26.2846


 213.8570,


-20.1425, -26.1846


 235.9870,
-17.2486, -21.0366


 32.3990, -15.4797,
-28.4139

 34.4640, -14.0328,
-25.8399

 36.9420, -12.2964,
-22.7511

 39.3060, -10.9969,
-19.5624

 41.4850, -9.1131,
-17.0883

 43.8490, -7.8136,
-13.8996

■ 45.9140, -6.3666,
-11.3256

■ 48.3920, -4.6303,
-8.2368

■ 50.4570, -3.1833,
-5.6628

■ 52.9350, -1.4470,
-2.5740

Harmonies

Analogous

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



41.9080, -20.6606, 0.0807



32.3990, -15.4797, -28.4139



37.3350, -1.6442, -32.7428

Triad

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



32.3990, -15.4797, -28.4139



42.7390, 29.2157, -37.4821



37.9830, -3.9356, 49.1269

Complementary

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



32.3990, -15.4797, -28.4139



22.6010, 15.4797, 28.4139

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.



40.5660, 8.5950, 43.3536



32.3990, -15.4797, -28.4139



39.0330, 30.0567, -27.2159

Square

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



32.3990, -15.4797, -28.4139



43.4910, 21.9429, -38.1416



46.9310, 18.2750, 18.4775



41.2640, -20.3432, 38.3565

Rectangle

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



32.3990, -15.4797, -28.4139



40.0880, 6.3656, -35.1572



46.9310, 18.2750, 18.4775



37.3620, 1.3005, 49.6715

Sweetspot

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



32.3990, -15.4797, -28.4139



62.3270, -6.0772, -10.8108



48.4310, -23.8765, 4.8840



30.6310, -3.7621, -6.6924



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.



32.3990, -15.4797, -28.4139



41.7910, -20.1100, -36.6507



35.4770, -3.6862, -31.1133



26.7610, -0.8682, -1.5444



54.2320, -25.7504, -47.5615



129.0090, -61.6294, -113.1409

Inverse Universe

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



22.6010, 15.4797, 28.4139



29.2090, 20.1100, 36.6507



19.5230, 3.6862, 31.1133



26.2390, 0.8682, 1.5444



37.7680, 25.7504, 47.5615



89.9910, 61.6294, 113.1409

Previews

White Background



This preview shows how the YUV color 32.3990, -15.4797, -28.4139 looks on a white background.

Color Contrast Check

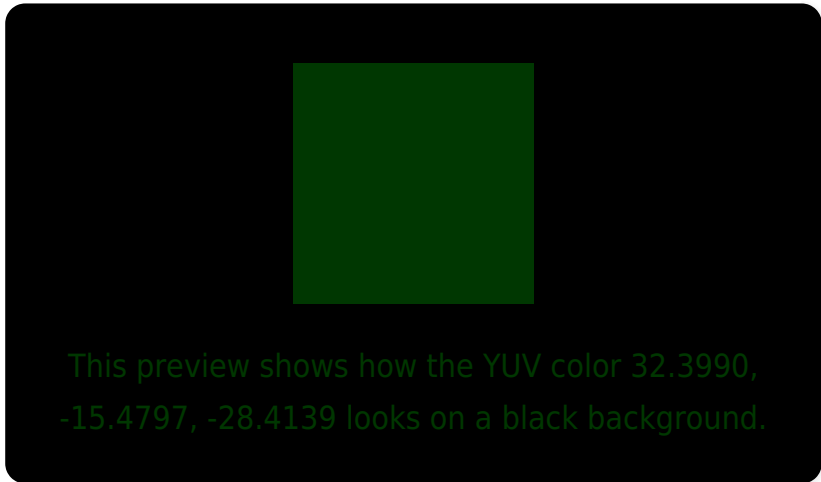
Large Text (above 18pt) WCAG AA ✓ Pass

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

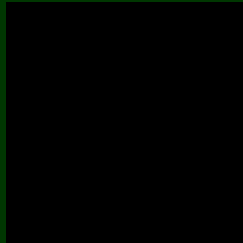
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.3990, -15.4797, -28.4139

Background



This preview shows how black text looks on a background with the YUV color 32.3990, -15.4797, -28.4139.



This preview shows how white text looks on a background with the YUV color 32.3990, -15.4797,

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

32.3990, -15.4797, -28.4139

Protanopia

43.4360, -21.4139, 8.3876

Deuteranopia

45.4240, -16.4780, 11.9062



Tritanopia

43.0840, 5.8746, -17.6137

Trichromacy



Original Color

32.3990, -15.4797, -28.4139

Protanomaly

39.5160, -19.4814, -4.8375

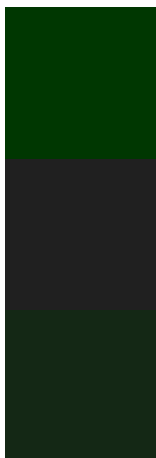
Deuteranomaly

41.0370, -16.2872, -2.6634

Tritanomaly

38.9990, -1.9715, -21.0471

Monochromacy



Original Color

32.3990, -15.4797, -28.4139

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.8540, -5.3510, -10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.3990, -15.4797, -28.4139 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, 55, 1)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 1)  
}
```

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, 55, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 1) }
```

Border

The CSS property to change the border of an element to YUV 32.3990, -15.4797, -28.4139 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, 55, 1) }
```


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

```
.border{ border-color:rgb(0, 55, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 55, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 55, 1); box-shadow:4px  
4px 4px 4px rgb(0, 55, 1) }
```

Background

The CSS property to change the background color of an element to YUV 32.3990, -15.4797, -28.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 1) }
```

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

```
.background{ background-color: rgb(0, 55,  
1) }
```

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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