

Converting Colors

YUV(39.9800, -6.3991, -0.8595)

Have a look what the booklet for
YUV(39.9800, -6.3991, -0.8595)
contains.

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Color

**YUV(39.9800, -6.3991,
-0.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	272B1B
RGB	39, 43, 27
RGB Percent	15%, 17%, 11%
CMY	0.8471, 0.8314, 0.8941
CMYK	0.09, 0.00, 0.37, 0.83
HSL	75°, 23%, 14%
HSV	75°, 37%, 17%
XYZ	1.8984, 2.2382, 1.3689
YIQ	39.9800, 2.7520, -5.8240

Conversions

Conversions Part 2

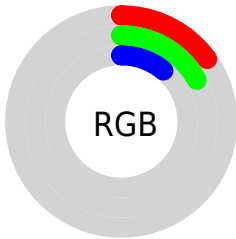
Format	Color
RYB	27, 43, 31
Decimal	2566939
CIELab	16.69, -5.25, 9.86
CIElCh	17, 11.169, 118.028
Yxy	2.2382, 0.3448, 0.4065
Android (android.graphics.Color)	4280757019 (0xFF272B1B)
YUV	39.9800, -6.3991, -0.8595
Hunter-Lab	14.9607, -3.5308, 5.0476

Details

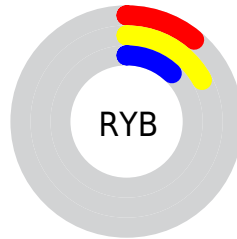
The YUV color **39.9800, -6.3991, -0.8595** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30.0200, 6.3991, 0.8595**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.7520, -7.2727, -0.6595**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.2250, -7.9989, -1.0743**, and if you desaturate by 10%, it is **40.7350, -4.7994, -0.6446**.

Distribution



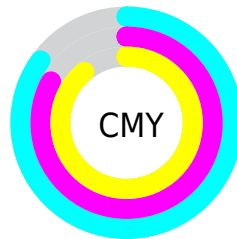
- Red (15%)
- Green (17%)
- Blue (11%)



- Red (11%)
- Yellow (17%)
- Blue (12%)



- Cyan (9%)
- Magenta (0%)
- Yellow (37%)
- Black (83%)



- Cyan (85%)
- Magenta (83%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.9800, -6.3991, -0.8595 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 39.9800, -6.3991, -0.8595 by changing the saturation by 10% instead.

■ 39.9800, -6.3991,
-0.8595

■ 39.9800, -6.3991,
-0.8595

■ 255.0000, 0.0000,
0.0000

■ 19.1820, -9.4567,
-0.1596

■ 84.7520, -7.2727,
-0.6595

■ 0.0000, 0.0000,
0.0000

■ 109.6380, -7.7095,
-0.5595

■ 134.6380, -7.7095,
-0.5595

■ 160.5240, -8.1463,
-0.4595

■ 188.1110, -8.4357,
-0.9743

■ 215.4100, -8.5831,

-0.3596

■ 243.9970, -8.8725,
-0.8744

■ 39.9800, -6.3991,
-0.8595

■ 39.9800, -6.3991,
-0.8595

■ 39.2250, -7.9989,
-1.0743

■ 40.7350, -4.7994,
-0.6446

■ 38.3560, -10.0355,
-1.1892

■ 41.6040, -2.7628,
-0.5297

■ 37.6010, -11.6353,
-1.4041

■ 42.3590, -1.1630,
-0.3148

■ 36.8460, -13.2351,
-1.6189

■ 43.1140, 0.4368,
-0.1000

■ 35.9770, -15.2717,
-1.7338

■ 43.9830, 2.4734,
0.0149

■ 35.2220, -16.8714,
-1.9487

■ 44.7380, 4.0732,
0.2298

■ 34.8090, -17.1608,
-2.4635

■ 45.7920, 5.5255,
1.0594

■ 46.5470, 7.1253,
1.2743

■ 47.4160, 9.1619,
1.3892

Harmonies

Analogous

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



40.9700, -7.8732, 5.2883



39.9800, -6.3991, -0.8595



39.1470, -3.0305, -8.0219

Triad

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



39.9800, -6.3991, -0.8595



37.9640, 7.9057, -15.7544



42.0770, -0.0380, 12.2105

Complementary

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



39.9800, -6.3991, -0.8595



30.0200, 6.3991, 0.8595

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.



42.6680, 3.6147, 7.3072



39.9800, -6.3991, -0.8595



40.1220, 8.3209, -8.8770

Square

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



39.9800, -6.3991, -0.8595



36.6710, 5.5852, -18.1285



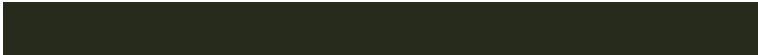
41.7210, 6.5465, 0.2447



42.0510, -3.9691, 13.1103

Rectangle

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



39.9800, -6.3991, -0.8595



37.9230, 0.0380, -12.2105



41.7210, 6.5465, 0.2447



42.7070, 1.1304, 10.7810

Sweetspot

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



39.9800, -6.3991, -0.8595



55.0170, -2.4734, -0.0149



34.1320, -3.5161, 7.7772



27.2450, -1.5998, -0.2149



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



39.9800, -6.3991, -0.8595



51.3560, -10.0355, -1.1892



37.5880, -5.2199, -5.7777



19.7720, -0.8736, 0.2000



68.1450, -33.5955, -4.5122



171.9850, -84.7886, -11.3878

Inverse Universe

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



30.0200, 6.3991, 0.8595



35.6440, 10.0355, 1.1892



32.4120, 5.2199, 5.7777



18.5270, 0.7262, 0.4148



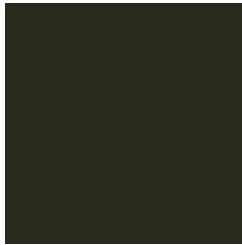
15.8550, 33.5955, 4.5122



40.0150, 84.7886, 11.3878

Previews

White Background



This preview shows how the YUV color 39.9800, -6.3991, -0.8595 looks on a white background.

Color Contrast Check

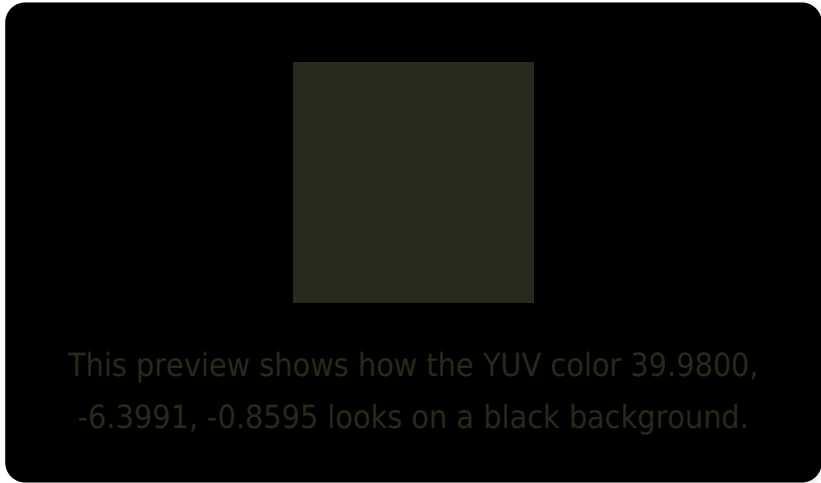
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9800, -6.3991, -0.8595

Background



This preview shows how black text looks on a background with the YUV color 39.9800, -6.3991, -0.8595.



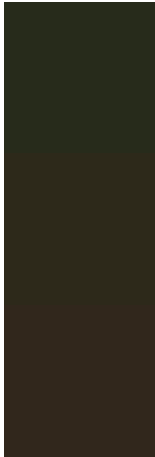
This preview shows how white text looks on a background with the YUV color 39.9800, -6.3991,

-0.8595.

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

39.9800, -6.3991, -0.8595

Protanopia

40.4860, -7.1416, 3.9588

Deuteranopia

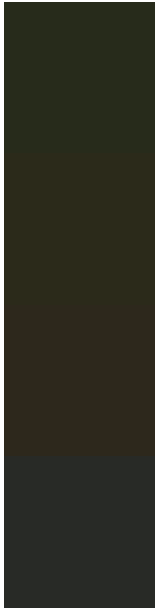
40.7360, -6.2788, 7.2475



Tritanopia

41.3420, 1.3104, -0.2999

Trichromacy



Original Color

39.9800, -6.3991, -0.8595

Protanomaly

40.4750, -7.1362, 2.2144

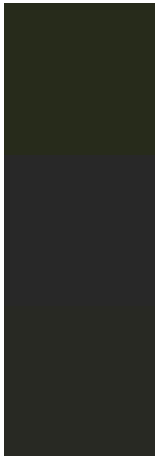
Deuteranomaly

40.1270, -5.9786, 4.2736

Tritanomaly

40.9460, -1.4524, -0.8296

Monochromacy



Original Color

39.9800, -6.3991, -0.8595

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.9800, -6.3991, -0.8595 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(39, 43, 27)` looks like.

```
.text, #text, p{  
    color:rgb(39, 43, 27)  
}
```

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(39, 43, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 43, 27) }
```

Border

The CSS property to change the border of an element to YUV 39.9800, -6.3991, -0.8595 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(39, 43, 27) }
```


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

```
.border{ border-color:rgb(39, 43, 27) }
```

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

Here you see how a box with a 4 pixel rgb(39, 43, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 43, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 43, 27);  
box-shadow:4px 4px 4px 4px rgb(39, 43, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.9800, -6.3991, -0.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 43, 27) }
```

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

```
.background{ background-color: rgb(39, 43,  
27) }
```

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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