

Converting Colors

YUV(39.5780, -3.2430, 13.5251)

Have a look what the booklet for
YUV(39.5780, -3.2430, 13.5251)
contains.

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Color

**YUV(39.5780, -3.2430,
13.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	372121
RGB	55, 33, 33
RGB Percent	22%, 13%, 13%
CMY	0.7843, 0.8706, 0.8706
CMYK	0.00, 0.40, 0.40, 0.78
HSL	0°, 25%, 17%
HSV	0°, 40%, 22%
XYZ	2.3939, 2.0097, 1.7006
YIQ	39.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

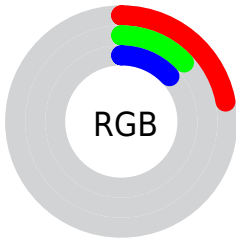
Format	Color
R_{YB}	55, 33, 33
Decimal	3612961
CIE _{Lab}	15.54, 10.62, 4.38
CIE _{LCh}	16, 11.492, 22.422
Yxy	2.0097, 0.3922, 0.3292
Android (android.graphics.Color)	4281803041 (0xFF372121)
YUV	39.5780, -3.2430, 13.5251
Hunter-Lab	14.1765, 5.3334, 2.8113

Details

The YUV color **39.5780, -3.2430, 13.5251** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.4220, 3.2430, -13.5251**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.7740, -3.8326, 15.9842**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.0730, -3.9800, 16.5990**, and if you desaturate by 10%, it is **43.7840, -2.3585, 9.8364**.

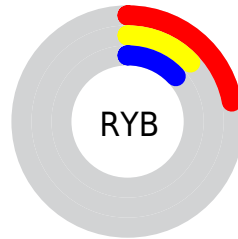
Distribution



Red (22%)

Green (13%)

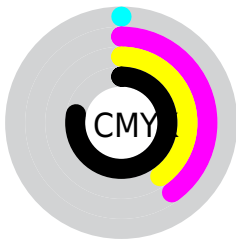
Blue (13%)



Red (22%)

Yellow (13%)

Blue (13%)

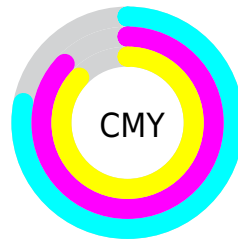


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (78%)



Cyan (78%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.5780, -3.2430, 13.5251 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 39.5780, -3.2430, 13.5251 by changing the saturation by 10% instead.

■ 39.5780, -3.2430,
13.5251

■ 39.5780, -3.2430,
13.5251

■ 255.0000, 0.0000,
0.0000

■ 17.7630, -3.8272,
14.2398

■ 84.7740, -3.8326,
15.9842

■ 0.0000, 0.0000,
0.0000

■ 109.0730, -3.9800,
16.5990

■ 134.3720, -4.1274,
17.2138

■ 160.6710, -4.2748,
17.8285

■ 187.8560, -4.8590,
18.5433

■ 216.1550, -5.0064,

19.1581

240.8660, -3.3849,
12.3955

39.5780, -3.2430,
13.5251

39.5780, -3.2430,
13.5251

36.0730, -3.9800,
16.5990

43.7840, -2.3585,
9.8364

31.8670, -4.8644,
20.2876

47.2890, -1.6215,
6.7625

28.3620, -5.6015,
23.3615

51.4950, -0.7370,
3.0739

24.1560, -6.4859,
27.0502

55.0000, 0.0000,
0.0000

19.9500, -7.3703,
30.7388

59.2060, 0.8844,
-3.6887

■ 16.4450, -8.1074,
33.8127

■ 62.7110, 1.6215,
-6.7625

■ 66.9170, 2.5059,
-10.4512

■ 70.4220, 3.2430,
-13.5251

■ 74.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



39.8920, 0.5462, 11.4957



39.5780, -3.2430, 13.5251



39.0570, -6.4371, 11.3510

Triad

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



39.5780, -3.2430, 13.5251



36.6310, -3.7621, -6.6924



37.2250, 8.7631, -10.7213

Complementary

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



39.5780, -3.2430, 13.5251



48.4220, 3.2430, -13.5251

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.



34.6540, 8.0586, -18.1136



39.5780, -3.2430, 13.5251



35.0260, 0.4802, -14.0548

Square

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



39.5780, -3.2430, 13.5251



37.5780, -6.6940, 0.3701



33.9590, 5.4432, -19.2580



38.9380, 7.4256, -1.6996

Rectangle

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



39.5780, -3.2430, 13.5251



38.9920, -7.8841, 8.7770



33.9590, 5.4432, -19.2580



36.5020, 8.6265, -13.5953

Sweetspot

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



39.5780, -3.2430, 13.5251



65.3920, -1.1793, 4.9182



42.0860, 6.3666, 11.3256



32.4950, -0.7370, 3.0739



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.



39.5780, -3.2430, 13.5251



47.1660, -5.0118, 20.9024



46.0350, -6.4263, 7.8623



25.8970, -0.4422, 1.8443



27.5080, -13.5614, 56.5595



65.4810, -32.2821, 134.6362

Inverse Universe

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



48.4220, 3.2430, -13.5251



60.8340, 5.0118, -20.9024



41.9650, 6.4263, -7.8623



27.1030, 0.4422, -1.8443



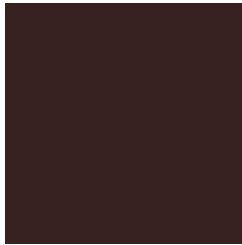
64.4920, 13.5614, -56.5595



153.5190, 32.2821, -134.6362

Previews

White Background



This preview shows how the YUV color 39.5780, -3.2430, 13.5251 looks on a white background.

Color Contrast Check

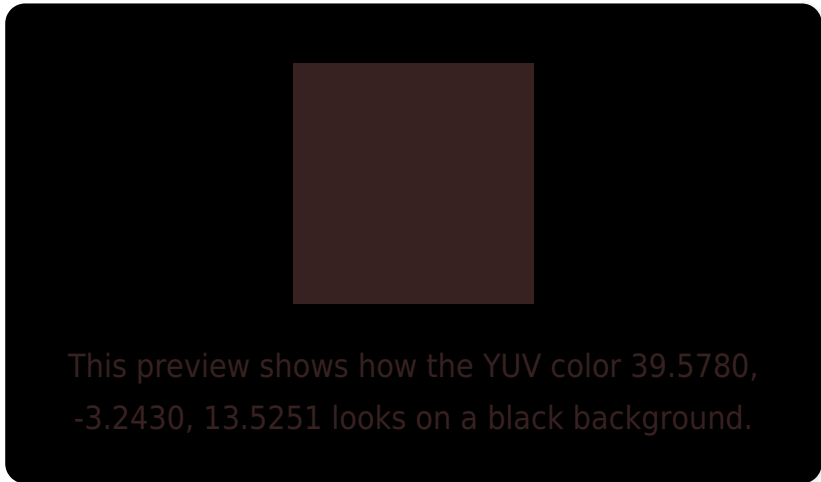
Large Text (above 18pt) WCAG AA ✓ Pass

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

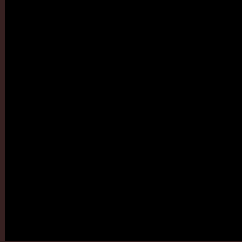
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.5780, -3.2430, 13.5251

Background



This preview shows how black text looks on a background with the YUV color 39.5780, -3.2430, 13.5251.

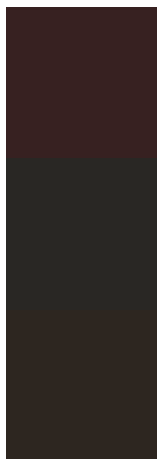


This preview shows how white text looks on a background with the YUV color 39.5780, -3.2430,

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

39.5780, -3.2430, 13.5251

Protanopia

39.2560, -1.6052, 1.5295

Deuteranopia

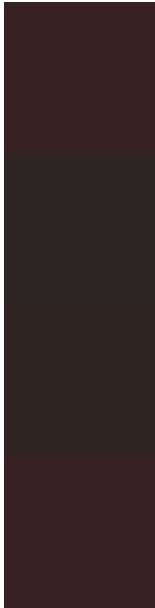
39.4090, -3.6526, 4.9033



Tritanopia

39.8060, -2.3694, 13.3251

Trichromacy



Original Color

39.5780, -3.2430, 13.5251

Protanomaly

39.4630, -2.2003, 5.7329

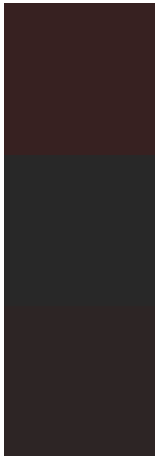
Deuteranomaly

39.4310, -3.6635, 8.3920

Tritanomaly

39.6920, -2.8062, 13.4251

Monochromacy



Original Color

39.5780, -3.2430, 13.5251

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.3920, -1.1793, 4.9182

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.5780, -3.2430, 13.5251 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(55, 33, 33)` looks like.

```
.text, #text, p{  
    color:rgb(55, 33, 33)  
}
```

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(55, 33, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 33, 33) }
```

Border

The CSS property to change the border of an element to YUV 39.5780, -3.2430, 13.5251 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(55, 33, 33) }
```


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

```
.border{ border-color:rgb(55, 33, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 33, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 33, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 33, 33);  
box-shadow:4px 4px 4px 4px rgb(55, 33, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.5780, -3.2430, 13.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 33, 33) }
```

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

```
.background{ background-color: rgb(55, 33,  
33) }
```

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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