

Converting Colors

YUV(34.2390, 0.8682, 1.5444)

Have a look what the booklet for
YUV(34.2390, 0.8682, 1.5444)
contains.

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Color

**YUV(34.2390, 0.8682,
1.5444)**

Conversions

Conversions Part 1

Format	Color
Hex	242124
RGB	36, 33, 36
RGB Percent	14%, 13%, 14%
CMY	0.8588, 0.8706, 0.8588
CMYK	0.00, 0.08, 0.00, 0.86
HSL	300°, 4%, 14%
HSV	300°, 8%, 14%
XYZ	1.5898, 1.5902, 1.8922
YIQ	34.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

Format	Color
R_YB	36, 33, 36
Decimal	2367780
CIE Lab	13.17, 2.14, -1.51
CIE LCh	13, 2.619, 324.761
Yxy	1.5902, 0.3134, 0.3135
Android (android.graphics.Color)	4280557860 (0xFF242124)
YUV	34.2390, 0.8682, 1.5444
Hunter-Lab	12.6101, 0.4370, -0.0696

Details

The YUV color **34.2390, 0.8682, 1.5444** is a dark color, and the websafe version is hex **333333**, and the color name is **raisin black**. A complement of this color would be **34.7610, -0.8682, -1.5444**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.2390, 0.8682, 1.5444**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.8910, 2.0257, 3.6036**, and if you desaturate by 10%, it is **36.5870, -0.2894, -0.5148**.

Distribution



Red (14%)

Green (13%)

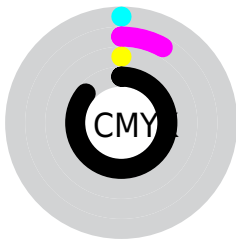
Blue (14%)



Red (14%)

Yellow (13%)

Blue (14%)



Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (86%)



Cyan (86%)

Magenta (87%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.2390, 0.8682, 1.5444 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 34.2390, 0.8682, 1.5444 by changing the saturation by 10% instead.

■ 34.2390, 0.8682,
1.5444

■ 34.2390, 0.8682,
1.5444

■ 255.0000, 0.0000,
0.0000

■ 12.0650, 1.4470,
2.5740

■ 78.2390, 0.8682,
1.5444

■ 0.0000, 0.0000,
0.0000

■ 102.2390, 0.8682,
1.5444

■ 127.6520, 1.1576,
2.0592

■ 153.6520, 1.1576,
2.0592

■ 179.6520, 1.1576,
2.0592

■ 207.6520, 1.1576,

2.0592

■ 235.6520, 1.1576,
2.0592

■ 34.2390, 0.8682,
1.5444

■ 34.2390, 0.8682,
1.5444

■ 31.8910, 2.0257,
3.6036

■ 36.5870, -0.2894,
-0.5148

■ 30.1300, 2.8939,
5.1480

■ 38.3480, -1.1576,
-2.0592

■ 27.7820, 4.0515,
7.2072

■ 40.6960, -2.3151,
-4.1184

■ 26.0210, 4.9196,
8.7516

■ 42.4570, -3.1833,
-5.6628

■ 23.6730, 6.0772,
10.8108

■ 44.8050, -4.3409,
-7.7220

■ 21.3250, 7.2348,
12.8700

■ 47.1530, -5.4984,
-9.7812

■ 19.5640, 8.1029,
14.4144

■ 48.9140, -6.3666,
-11.3256

■ 17.2160, 9.2605,
16.4736

■ 51.2620, -7.5242,
-13.3848

■ 15.4550, 10.1287,
18.0180

■ 53.0230, -8.3923,
-14.9292

Harmonies

Analogous

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



34.3420, 1.3104, -0.2999



34.2390, 0.8682, 1.5444



34.3100, -0.1528, 2.3591

Triad

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



34.2390, 0.8682, 1.5444



34.1420, -2.0420, 1.6295



33.2060, 0.8844, -3.6887

Complementary

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



34.2390, 0.8682, 1.5444



34.7610, -0.8682, -1.5444

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.



33.2770, -0.1366, -2.8739



34.2390, 0.8682, 1.5444



33.6580, -1.3104, 0.2999

Square

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



34.2390, 0.8682, 1.5444



33.9680, -1.4632, 2.6591



33.7610, -0.8682, -1.5444



33.7330, 1.6106, -3.2738

Rectangle

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



34.2390, 0.8682, 1.5444



34.4950, -0.7370, 3.0739



33.7610, -0.8682, -1.5444



33.5050, 0.7370, -3.0739

Sweetspot

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



34.2390, 0.8682, 1.5444



45.4130, 0.2894, 0.5148



33.3420, 1.3104, -0.2999



22.4130, 0.2894, 0.5148



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



34.2390, 0.8682, 1.5444



43.0650, 1.4470, 2.5740



34.1250, 0.4314, 1.6444



16.8260, 0.5788, 1.0296



33.8660, 23.7301, 42.2135



86.3170, 60.4827, 107.5930

Inverse Universe

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



34.2390, 0.8682, 1.5444



43.0650, 1.4470, 2.5740



34.9890, 0.0054, -1.7444



16.8260, 0.5788, 1.0296



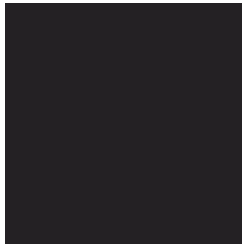
33.8660, 23.7301, 42.2135



86.3170, 60.4827, 107.5930

Previews

White Background



This preview shows how the YUV color 34.2390, 0.8682, 1.5444 looks on a white background.

Color Contrast Check

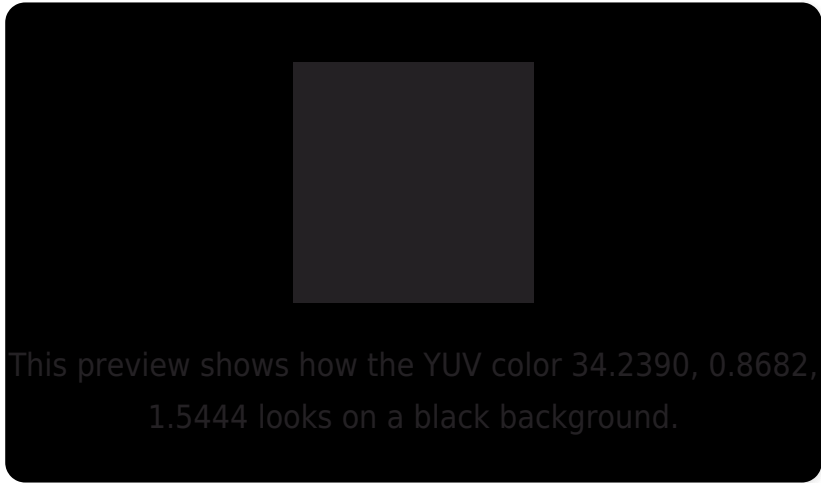
Large Text (above 18pt) WCAG AA ✓ Pass

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

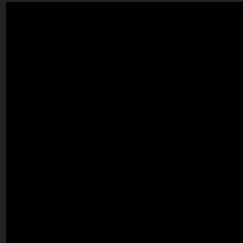
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

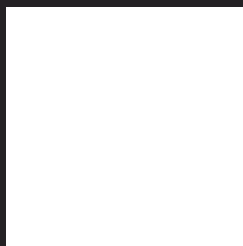
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 34.2390, 0.8682, 1.5444

Background



This preview shows how black text looks on a background with the YUV color 34.2390, 0.8682, 1.5444.



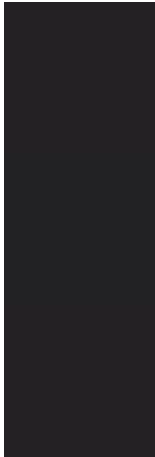
This preview shows how white text looks on a background with the YUV color 34.2390, 0.8682,

1.5444.

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

34.2390, 0.8682, 1.5444

Protanopia

34.2280, 0.8736, -0.2000

Deuteranopia

34.2390, 0.8682, 1.5444



Tritanopia

34.2390, 0.8682, 1.5444

Trichromacy



Original Color

34.2390, 0.8682, 1.5444

Protanomaly

34.5270, 0.7262, 0.4148

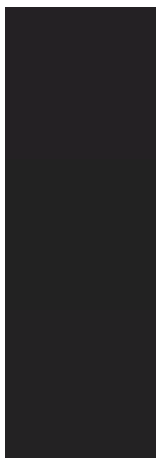
Deuteranomaly

34.2390, 0.8682, 1.5444

Tritanomaly

34.2390, 0.8682, 1.5444

Monochromacy



Original Color

34.2390, 0.8682, 1.5444

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.4130, 0.2894, 0.5148

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.2390, 0.8682, 1.5444 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(36, 33, 36)` looks like.

```
.text, #text, p{  
  color:rgb(36, 33, 36)  
}
```

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(36, 33, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 33, 36) }
```

Border

The CSS property to change the border of an element to YUV 34.2390, 0.8682, 1.5444 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(36, 33, 36) }
```


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

```
.border{ border-color:rgb(36, 33, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 33, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 33, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 33, 36);  
box-shadow:4px 4px 4px 4px rgb(36, 33, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.2390, 0.8682, 1.5444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 33, 36) }
```

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

```
.background{ background-color: rgb(36, 33,  
36) }
```

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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