

Converting Colors

YUV(36.9590, -4.4168, 16.6990)

Have a look what the booklet for
YUV(36.9590, -4.4168, 16.6990)
contains.

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Color

**YUV(36.9590, -4.4168,
16.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	381D1C
RGB	56, 29, 28
RGB Percent	22%, 11%, 11%
CMY	0.7804, 0.8863, 0.8902
CMYK	0.00, 0.48, 0.50, 0.78
HSL	2°, 33%, 16%
HSV	2°, 50%, 22%
XYZ	2.2799, 1.8033, 1.3265
YIQ	36.9590, 16.4130, 5.4130

Conversions

Conversions Part 2

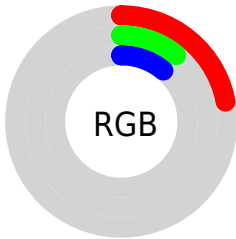
Format	Color
R_{YB}	56, 29, 28
Decimal	3677468
CIE _{Lab}	14.42, 13.08, 6.43
CIE _{LCh}	14, 14.574, 26.167
Yxy	1.8033, 0.4214, 0.3333
Android (android.graphics.Color)	4281867548 (0xFF381D1C)
YUV	36.9590, -4.4168, 16.6990
Hunter-Lab	13.4288, 6.8042, 3.5434

Details

The YUV color **36.9590, -4.4168, 16.6990** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **47.0410, 4.4168, -16.6990**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.0410, -5.4432, 19.2580**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.3400, -5.5906, 19.8728**, and if you desaturate by 10%, it is **40.5780, -3.2430, 13.5251**.

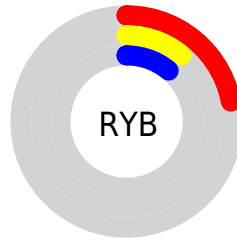
Distribution



 Red (22%)

 Green (11%)

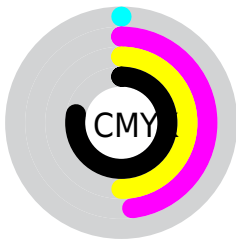
 Blue (11%)




 Red (22%)

 Yellow (11%)

 Blue (11%)

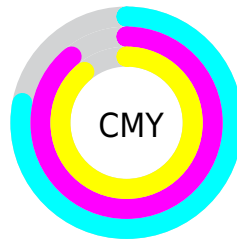


 Cyan (0%)


 Magenta (48%)

 Yellow (50%)

 Black (78%)



 Cyan (78%)

 Magenta (89%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.9590, -4.4168, 16.6990 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 36.9590, -4.4168, 16.6990 by changing the saturation by 10% instead.

■ 36.9590, -4.4168,
16.6990

■ 36.9590, -4.4168,
16.6990

■ 255.0000, 0.0000,
0.0000

■ 13.8130, -6.3168,
19.4580

■ 82.0410, -5.4432,
19.2580

■ 0.0000, 0.0000,
0.0000

■ 106.6390, -5.7380,
20.4876

■ 132.2370, -6.0328,
21.7172

■ 158.4220, -6.6170,
22.4319

■ 185.1340, -6.4751,
23.5615

■ 213.0200, -6.9119,

23.6615

237.1330, -4.9956,
15.6694

36.9590, -4.4168,
16.6990

36.9590, -4.4168,
16.6990

33.3400, -5.5906,
19.8728

40.5780, -3.2430,
13.5251

29.2480, -6.0383,
23.4615

44.6700, -2.7953,
9.9364

25.6290, -7.2121,
26.6354

48.2890, -1.6215,
6.7625

21.5370, -7.6597,
30.2241

52.3810, -1.1738,
3.1739

17.9180, -8.8336,
33.3979

56.0000, 0.0000,
0.0000

■ 59.6190, 1.1738,
-3.1739

■ 63.7110, 1.6215,
-6.7625

■ 67.3300, 2.7953,
-9.9364

■ 71.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



37.2130, 0.3880, 15.5992



36.9590, -4.4168, 16.6990



36.6120, -8.1897, 13.4953

Triad

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



36.9590, -4.4168, 16.6990



33.4950, -4.1880, -10.0811



34.1860, 11.2473, -14.1951

Complementary

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



36.9590, -4.4168, 16.6990



47.0410, 4.4168, -16.6990

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.



29.5220, 11.5747, -25.8908



36.9590, -4.4168, 16.6990



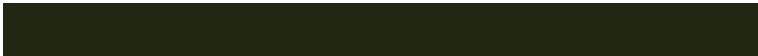
30.7370, 2.1017, -20.8173

Square

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



36.9590, -4.4168, 16.6990



35.1110, -8.4357, -0.9743



29.7840, 7.5015, -26.1206



36.9920, 8.8779, -0.8700

Rectangle

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



36.9590, -4.4168, 16.6990



35.8350, -9.7787, 9.7917



29.7840, 7.5015, -26.1206



32.5660, 11.5530, -18.9134

Sweetspot

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



36.9590, -4.4168, 16.6990



66.2890, -1.6215, 6.7625



39.4500, 7.6661, 14.5143



33.6800, -1.3212, 3.7886



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



36.9590, -4.4168, 16.6990



43.7430, -6.7753, 26.5354



45.1770, -8.4683, 9.4918



25.8970, -0.4422, 1.8443



29.2690, -14.4296, 55.0151



70.1770, -34.5973, 130.5178

Inverse Universe

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



47.0410, 4.4168, -16.6990



59.6700, 7.0647, -26.0206



38.8230, 8.4683, -9.4918



27.1030, 0.4422, -1.8443



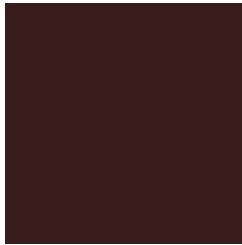
62.7310, 14.4296, -55.0151



148.8230, 34.5973, -130.5178

Previews

White Background



This preview shows how the YUV color 36.9590, -4.4168, 16.6990 looks on a white background.

Color Contrast Check

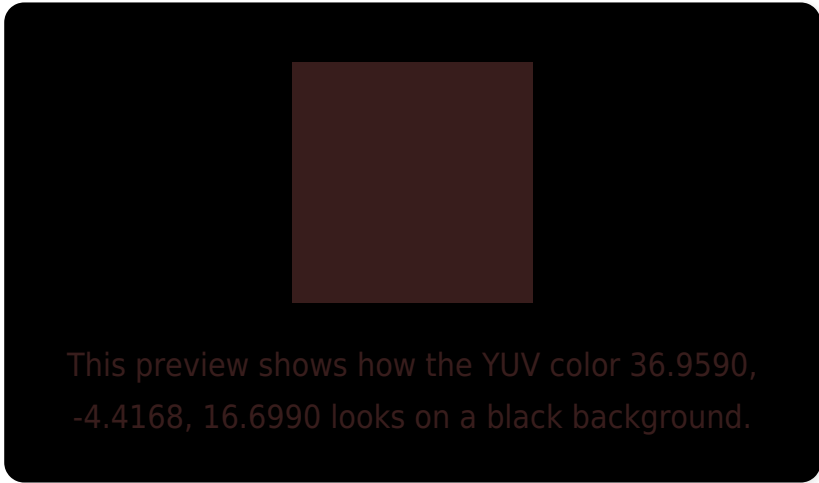
Large Text (above 18pt) WCAG AA ✓ Pass

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

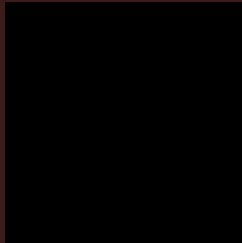
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9590, -4.4168, 16.6990

Background



This preview shows how black text looks on a background with the YUV color 36.9590, -4.4168, 16.6990.

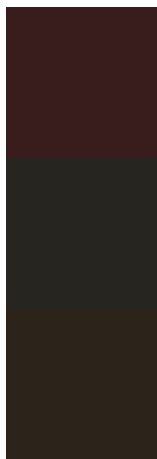


This preview shows how white text looks on a background with the YUV color 36.9590, -4.4168,

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

36.9590, -4.4168, 16.6990

Protanopia

37.0280, -2.4788, 1.7294

Deuteranopia

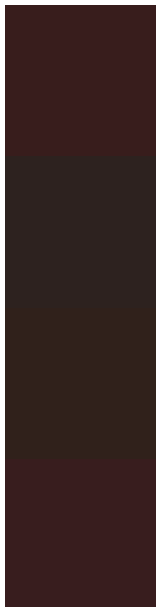
37.3660, -5.1104, 5.8180



Tritanopia

37.3010, -3.1064, 16.3990

Trichromacy



Original Color

36.9590, -4.4168, 16.6990

Protanomaly

36.9470, -2.9319, 7.0625

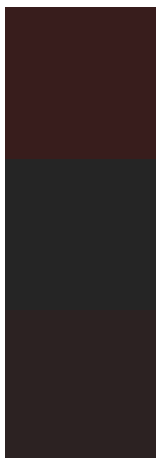
Deuteranomaly

36.8010, -4.8319, 9.8215

Tritanomaly

37.1870, -3.5432, 16.4990

Monochromacy



Original Color

36.9590, -4.4168, 16.6990

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9590, -4.4168, 16.6990 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(56, 29, 28)` looks like.

```
.text, #text, p{  
    color:rgb(56, 29, 28)  
}
```

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(56, 29, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 29, 28) }
```

Border

The CSS property to change the border of an element to YUV 36.9590, -4.4168, 16.6990 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(56, 29, 28) }
```


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

```
.border{ border-color:rgb(56, 29, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 29, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 29, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 29, 28);  
box-shadow:4px 4px 4px 4px rgb(56, 29, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.9590, -4.4168, 16.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 29, 28) }
```

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

```
.background{ background-color: rgb(56, 29,  
28) }
```

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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