

Converting Colors

YUV(16.9590, -4.4168, 16.6990)

Have a look what the booklet for
YUV(16.9590, -4.4168, 16.6990)
contains.

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Color

**YUV(16.9590, -4.4168,
16.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	240908
RGB	36, 9, 8
RGB Percent	14%, 4%, 3%
CMY	0.8588, 0.9647, 0.9686
CMYK	0.00, 0.75, 0.78, 0.86
HSL	2°, 64%, 9%
HSV	2°, 78%, 14%
XYZ	0.8691, 0.5880, 0.2974
YIQ	16.9590, 16.4130, 5.4130

Conversions

Conversions Part 2

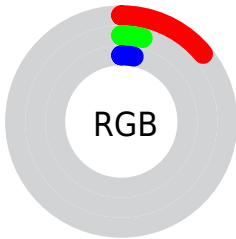
Format	Color
RYB	36, 9, 8
Decimal	2361608
CIELab	5.31, 12.70, 4.90
CIELCh	5, 13.610, 21.116
Yxy	0.5880, 0.4953, 0.3351
Android (android.graphics.Color)	4280551688 (0xFF240908)
YUV	16.9590, -4.4168, 16.6990
Hunter-Lab	7.6679, 6.8120, 3.0679

Details

The YUV color **16.9590, -4.4168, 16.6990** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **27.0410, 4.4168, -16.6990**, and the grayscale version is **17.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **61.3720, -4.1274, 17.2138**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.7420, -5.2958, 18.6433**, and if you desaturate by 10%, it is **19.1760, -3.5378, 14.7546**.

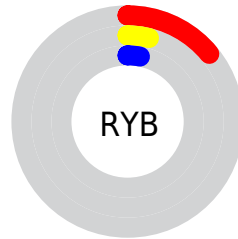
Distribution



Red (14%)

Green (4%)

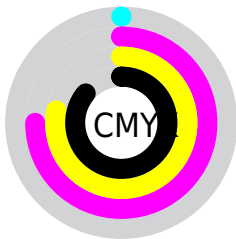
Blue (3%)



Red (14%)

Yellow (4%)

Blue (3%)

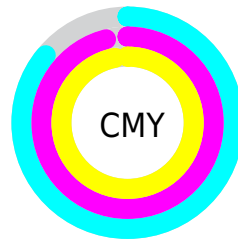


Cyan (0%)

Magenta (75%)

Yellow (78%)

Black (86%)



Cyan (86%)

Magenta (96%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 16.9590, -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 16.9590, -4.4168, 16.6990 by changing the saturation by 10% instead.

■ 16.9590, -4.4168,
16.6990

■ 16.9590, -4.4168,
16.6990

■ 239.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 61.3720, -4.1274,
17.2138

■ 84.6710, -4.2748,
17.8285

■ 109.2690, -4.5696,
19.0581

■ 134.4540, -5.1538,
19.7728

■ 160.4650, -5.1592,
21.5172

■ 187.4650, -5.1592,

21.5172

■ 215.6500, -5.7435,
22.2319

■ 16.9590, -4.4168,
16.6990

■ 16.9590, -4.4168,
16.6990

■ 14.7420, -5.2958,
18.6433

■ 19.1760, -3.5378,
14.7546

■ 12.0520, -5.4486,
21.0024

■ 21.8660, -3.3849,
12.3955

■ 11.3510, -5.5960,
21.6172

■ 24.0830, -2.5059,
10.4512

■ 26.7730, -2.3531,
8.0921

■ 28.9900, -1.4741,
6.1478

■ 31.7940, -0.8844,
3.6887

■ 33.8970, -0.4422,
1.8443

■ 36.7010, 0.1474,
-0.6148

■ 38.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



17.8430, 1.5564, 14.1697



16.9590, -4.4168, 16.6990



17.2100, -8.4845, 14.7248

Triad

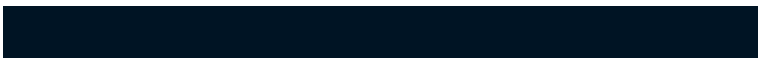
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.9590, -4.4168, 16.6990



13.5120, -6.6614, -10.0960



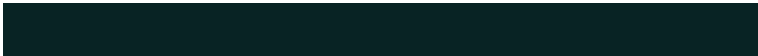
15.8440, 9.9369, -13.8952

Complementary

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



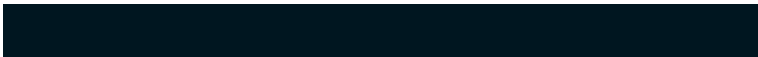
16.9590, -4.4168, 16.6990



27.0410, 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.



16.5620, 7.6109, -14.5249



16.9590, -4.4168, 16.6990



15.5700, -1.2670, -13.6549

Square

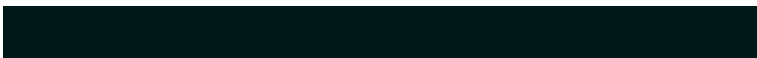
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.9590, -4.4168, 16.6990



16.5240, -8.1463, -0.4595



16.8240, 3.5378, -14.7546



17.8670, 8.4466, -2.5144

Rectangle

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



16.9590, -4.4168, 16.6990



16.8890, -8.3263, 10.6213



16.8240, 3.5378, -14.7546



16.3170, 9.2107, -14.3100

Sweetspot

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



16.9590, -4.4168, 16.6990



38.8760, -1.9109, 6.2477



19.4500, 7.6662, 14.5144



18.7940, -0.8844, 3.6887



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.



16.9590, -4.4168, 16.6990



17.0310, -6.9173, 25.4058



25.1770, -8.4683, 9.4918



16.5980, -0.2948, 1.2296



26.2790, -12.9555, 48.8673



66.6000, -32.8338, 124.8848

Inverse Universe

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



27.0410, 4.4168, -16.6990



31.9690, 6.9173, -25.4058



18.8230, 8.4683, -9.4918



17.4020, 0.2948, -1.2296



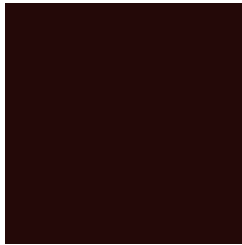
55.7210, 12.9555, -48.8673



142.4000, 32.8338, -124.8848

Previews

White Background



This preview shows how the YUV color 16.9590, -4.4168, 16.6990 looks on a white background.

Color Contrast Check

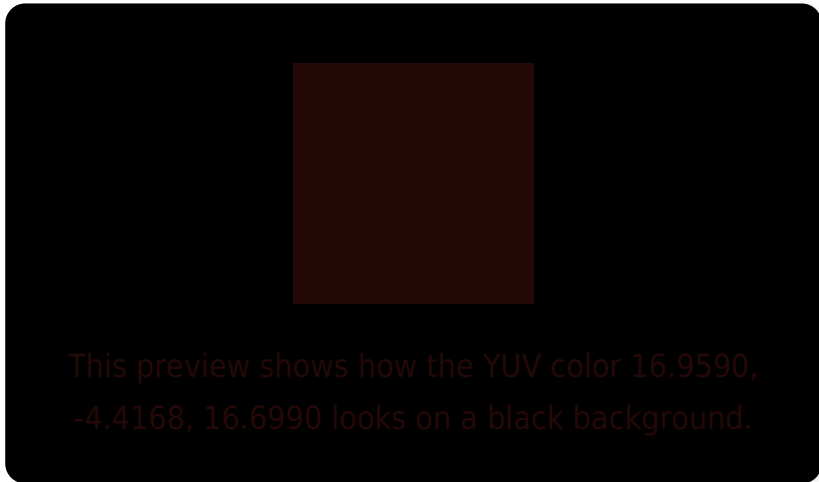
Large Text (above 18pt) WCAG AA ✓ Pass

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

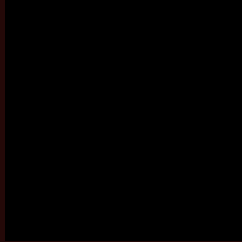
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 16.9590, -4.4168, 16.6990

Background



This preview shows how black text looks on a background with the YUV color 16.9590, -4.4168, 16.6990.



This preview shows how white text looks on a background with the YUV color 16.9590, -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

16.9590, -4.4168, 16.6990

Protanopia

18.6860, -3.7892, 2.0294

Deuteranopia

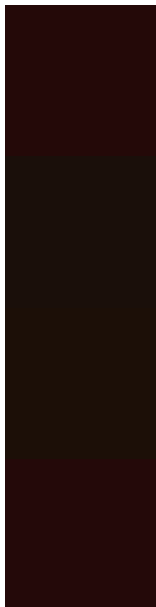
18.4260, -6.1260, 4.8884



Tritanopia

17.0730, -3.9800, 16.5990

Trichromacy



Original Color

16.9590, -4.4168, 16.6990

Protanomaly

17.7190, -3.8055, 7.2624

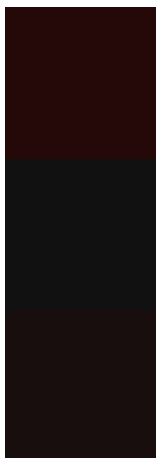
Deuteranomaly

17.9750, -5.4107, 8.7919

Tritanomaly

17.0730, -3.9800, 16.5990

Monochromacy



Original Color

16.9590, -4.4168, 16.6990

Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

16.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 16.9590, -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(36, 9, 8)` looks like.

```
.text, #text, p{  
    color:rgb(36, 9, 8)  
}
```

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, 9, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 9, 8) }
```

Border

The CSS property to change the border of an element to YUV 16.9590, -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(36, 9, 8) }
```


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

```
.border{ border-color:rgb(36, 9, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 9, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 9, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 9, 8); box-shadow:4px  
4px 4px 4px rgb(36, 9, 8) }
```

Background

The CSS property to change the background color of an element to YUV 16.9590, -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(36, 9, 8) }
```

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

```
.background{ background-color: rgb(36, 9,  
8) }
```

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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