

Converting Colors

YUV(40.0900, -9.9044, 3.4291)

Have a look what the booklet for
YUV(40.0900, -9.9044, 3.4291)
contains.

YUV(40.0900, -9.9044, 3.4291)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(40.0900, -9.9044,
3.4291)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2A14
RGB	44, 42, 20
RGB Percent	17%, 16%, 8%
CMY	0.8275, 0.8353, 0.9216
CMYK	0.00, 0.05, 0.55, 0.83
HSL	55°, 38%, 13%
HSV	55°, 55%, 17%
XYZ	1.9929, 2.2419, 0.9895
YIQ	40.0900, 8.2540, -6.4180

Conversions

Conversions Part 2

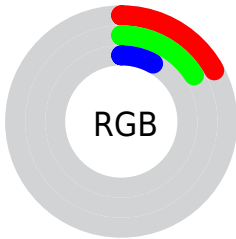
Format	Color
R_{YB}	22, 44, 20
Decimal	2894356
CIE Lab	16.71, -3.11, 14.66
CIE LCh	17, 14.984, 101.979
Yxy	2.2419, 0.3815, 0.4291
Android (android.graphics.Color)	4281084436 (0xFF2C2A14)
YUV	40.0900, -9.9044, 3.4291
Hunter-Lab	14.9730, -2.4440, 6.5628

Details

The YUV color **40.0900, -9.9044, 3.4291** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23.9100, 9.9044, -3.4291**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.1610, -10.9254, 4.2438**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.6340, -11.6516, 3.8290**, and if you desaturate by 10%, it is **40.5460, -8.1572, 3.0292**.

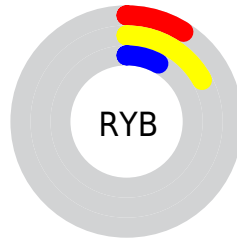
Distribution



Red (17%)

Green (16%)

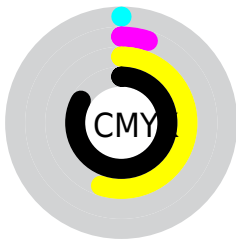
Blue (8%)



Red (9%)

Yellow (17%)

Blue (8%)

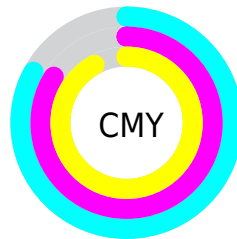


Cyan (0%)

Magenta (5%)

Yellow (55%)

Black (83%)



Cyan (83%)

Magenta (84%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0900, -9.9044, 3.4291 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 40.0900, -9.9044, 3.4291 by changing the saturation by 10% instead.

■ 40.0900, -9.9044,
3.4291

■ 40.0900, -9.9044,
3.4291

■ 253.9740, -3.9312,
0.8998

■ 20.0900, -9.9044,
3.4291

■ 85.1610, -10.9254,
4.2438

■ 0.0000, 0.0000,
0.0000

■ 109.3460,
-11.5096, 4.9586


■ 135.2320,
-11.9464, 5.0585


■ 161.1180,
-12.3832, 5.1585


■ 188.3030,
-12.9674, 5.8733


■ 216.1890,


-13.4042, 5.9732


 244.1890,
-13.4042, 5.9732


 40.0900, -9.9044,
3.4291


 40.0900, -9.9044,
3.4291


 39.6340, -11.6516,
3.8290


 40.5460, -8.1572,
3.0292


 38.4770, -13.5462,
4.8437


 41.7030, -6.2626,
2.0145


 38.0210, -15.2934,
5.2436

 42.1590, -4.5154,
1.6146

 37.4510, -17.4773,
5.7435

 42.7290, -2.3314,
1.1147

 36.6360, -18.0615,
6.4582

 43.7720, -0.8736,
0.2000

■ 44.2280, 0.8736,
-0.2000

■ 45.3850, 2.7682,
-1.2146

■ 45.8410, 4.5154,
-1.6146

■ 46.4110, 6.6994,
-2.1144

Harmonies

Analogous

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



40.8460, -9.7841, 11.5361



40.0900, -9.9044, 3.4291



38.8330, -6.8197, -5.9925

Triad

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



40.0900, -9.9044, 3.4291



33.2720, 10.7119, -29.1795



42.7720, 2.5774, 13.3550

Complementary

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



40.0900, -9.9044, 3.4291



23.9100, 9.9044, -3.4291

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.



42.5690, 7.1145, 4.7630



40.0900, -9.9044, 3.4291



36.6690, 11.9952, -20.7577

Square

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



40.0900, -9.9044, 3.4291



33.6160, 5.6123, -26.8502



41.0020, 10.3520, -7.0178



42.1270, -2.5276, 17.4286

Rectangle

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



40.0900, -9.9044, 3.4291



37.4130, -3.1616, -12.6402



41.0020, 10.3520, -7.0178



42.8040, 4.0406, 10.6959

Sweetspot

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



40.0900, -9.9044, 3.4291



54.3870, -3.6418, 1.4146



27.4040, -2.6642, 14.5547



27.4300, -2.1840, 0.4999



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.



40.0900, -9.9044, 3.4291



50.1350, -14.8566, 5.1436



38.2740, -9.0091, -3.7483



22.7720, -0.8736, 0.2000



72.3860, -35.6863, 12.8165



179.0380, -88.2657, 30.6617

Inverse Universe

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



23.9100, 9.9044, -3.4291



25.8650, 14.8566, -5.1436



25.7260, 9.0091, 3.7483



21.2280, 0.8736, -0.2000



14.0270, 35.9757, -12.3017



34.9620, 88.2657, -30.6617

Previews

White Background



This preview shows how the YUV color 40.0900, -9.9044, 3.4291 looks on a white background.

Color Contrast Check

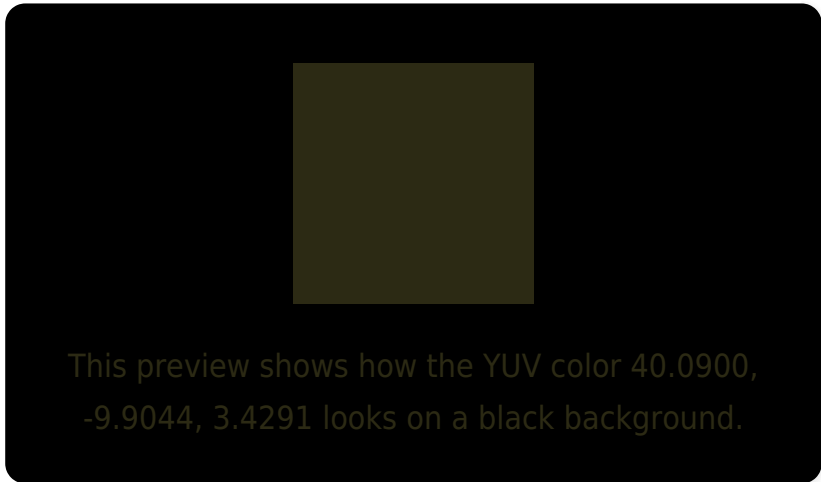
Large Text (above 18pt) WCAG AA ✓ Pass

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

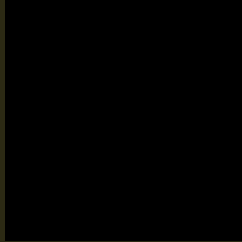
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.0900, -9.9044, 3.4291

Background



This preview shows how black text looks on a background with the YUV color 40.0900, -9.9044, 3.4291.

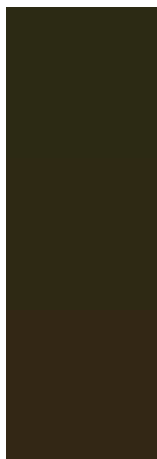


This preview shows how white text looks on a background with the YUV color 40.0900, -9.9044,

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

40.0900, -9.9044, 3.4291

Protanopia

40.1010, -9.9098, 5.1734

Deuteranopia

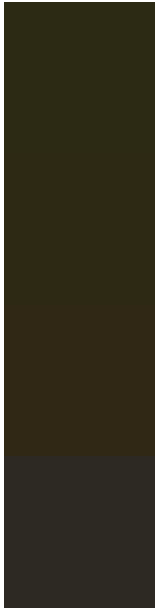
40.5360, -9.6312, 9.1769



Tritanopia

42.1360, 0.4260, 3.3887

Trichromacy



Original Color

40.0900, -9.9044, 3.4291

Protanomaly

39.8020, -9.7624, 4.5586

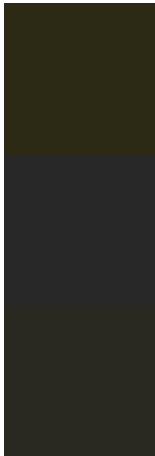
Deuteranomaly

40.2260, -9.4784, 6.8178

Tritanomaly

41.5120, -3.2104, 3.0590

Monochromacy



Original Color

40.0900, -9.9044, 3.4291

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.0880, -3.4944, 0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0900, -9.9044, 3.4291 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(44, 42, 20)` looks like.

```
.text, #text, p{  
    color:rgb(44, 42, 20)  
}
```

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(44, 42, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 42, 20) }
```

Border

The CSS property to change the border of an element to YUV 40.0900, -9.9044, 3.4291 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(44, 42, 20) }
```


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

```
.border{ border-color:rgb(44, 42, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 42, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 42, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 42, 20);  
box-shadow:4px 4px 4px 4px rgb(44, 42, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.0900, -9.9044, 3.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 42, 20) }
```

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

```
.background{ background-color: rgb(44, 42,  
20) }
```

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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