

Converting Colors

YUV(41.9310, -18.7000,
24.6165)

Have a look what the booklet for
YUV(41.9310, -18.7000, 24.6165)
contains.

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Color

**YUV(41.9310, -18.7000,
24.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	462304
RGB	70, 35, 4
RGB Percent	27%, 14%, 2%
CMY	0.7255, 0.8627, 0.9843
CMYK	0.00, 0.50, 0.94, 0.73
HSL	28°, 89%, 15%
HSV	28°, 94%, 27%
XYZ	3.1487, 2.5129, 0.4339
YIQ	41.9310, 30.8110, -2.2210

Conversions

Conversions Part 2

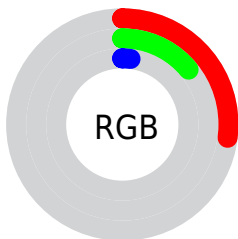
Format	Color
R_{YB}	70, 62, 4
Decimal	4596484
CIE _{Lab}	17.98, 14.13, 24.79
CIE _{LCh}	18, 28.533, 60.312
Yxy	2.5129, 0.5166, 0.4123
Android (android.graphics.Color)	4282786564 (0xFF462304)
YUV	41.9310, -18.7000, 24.6165
Hunter-Lab	15.8522, 7.7143, 9.4735

Details

The YUV color **41.9310, -18.7000, 24.6165** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **32.0690, 18.7000, -24.6165**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.1380, -19.2950, 28.8200**, and **4.1860, -2.0637, 8.6069** is the 20% darker color. If you saturate the color by 10%, you get **40.3010, -19.8684, 26.0460**, and if you desaturate by 10%, it is **45.0770, -16.8000, 21.8575**.

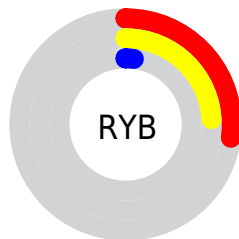
Distribution



Red (27%)

Green (14%)

Blue (2%)



Red (27%)

Yellow (24%)

Blue (2%)

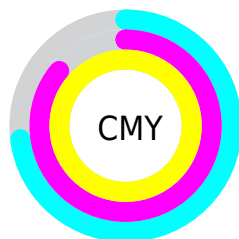


Cyan (0%)

Magenta (50%)

Yellow (94%)

Black (73%)



Cyan (73%)

Magenta (86%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.9310, -18.7000, 24.6165 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 41.9310, -18.7000, 24.6165 by changing the saturation by 10% instead.

■ 41.9310, -18.7000,
24.6165

■ 41.9310, -18.7000,
24.6165

■ 252.1500,
-10.9200, 2.4994

■ 22.2600, -10.9742,
19.9430

■ 89.1380, -19.2950,
28.8200

■ 4.1860, -2.0637,
8.6069

■ 113.9210,
-20.1741, 30.7643

■ 0.0000, 0.0000,
0.0000

■ 139.7040,
-21.0531, 32.7086


■ 166.1880,
-21.7847, 34.0381


■ 193.6720,
-22.5163, 35.3677


■ 219.3510,


-22.3580, 31.2642


 238.9790,
-18.2306, 14.0504


 41.9310, -18.7000,
24.6165


 41.9310, -18.7000,
24.6165

 40.3010, -19.8684,
26.0460

 45.0770, -16.8000,
21.8575

 47.6360, -14.6105,
19.6132

 50.7820, -12.7105,
16.8542

 53.9280, -10.8105,
14.0951

 57.0740, -8.9105,
11.3361

■ 59.6330, -6.7211,
9.0919

■ 62.7790, -4.8210,
6.3328

■ 65.9250, -2.9210,
3.5738

■ 68.4840, -0.7316,
1.3295

Harmonies

Analogous

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



42.2060, -8.9756, 32.2683



41.9310, -18.7000, 24.6165



41.6860, -20.5512, 11.6764

Triad

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



41.9310, -18.7000, 24.6165



36.1270, 3.8814, -31.6834



44.5820, 17.4611, -0.5104

Complementary

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



41.9310, -18.7000, 24.6165



32.0690, 18.7000, -24.6165

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.



36.6920, 23.8158, -32.1789



41.9310, -18.7000, 24.6165



38.4070, 12.6173, -33.6829

Square

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



41.9310, -18.7000, 24.6165



33.0320, -5.4388, -28.9691



39.0570, 20.1849, -34.2530



45.0640, 9.8284, 20.9919

Rectangle

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



41.9310, -18.7000, 24.6165



39.8480, -19.6451, 1.0103



39.0570, 20.1849, -34.2530



42.7980, 19.8196, -10.3468

Sweetspot

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



41.9310, -18.7000, 24.6165



80.8180, -7.3053, 9.8066



27.7240, 5.5591, 37.0761



39.4800, -4.6736, 5.7180



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



41.9310, -18.7000, 24.6165



52.7490, -26.0053, 34.4231



61.3020, -28.2499, 7.6281



34.3700, -1.1684, 1.4295



57.1900, -28.1947, 36.6674



130.6820, -64.4262, 84.4709

Inverse Universe

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



32.0690, 18.7000, -24.6165



39.2510, 26.0053, -34.4231



12.6980, 28.2499, -7.6281



33.6300, 1.1684, -1.4295



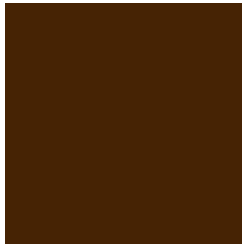
42.3970, 27.9053, -37.1822



96.3180, 64.4262, -84.4709

Previews

White Background



This preview shows how the YUV color 41.9310, -18.7000, 24.6165 looks on a white background.

Color Contrast Check

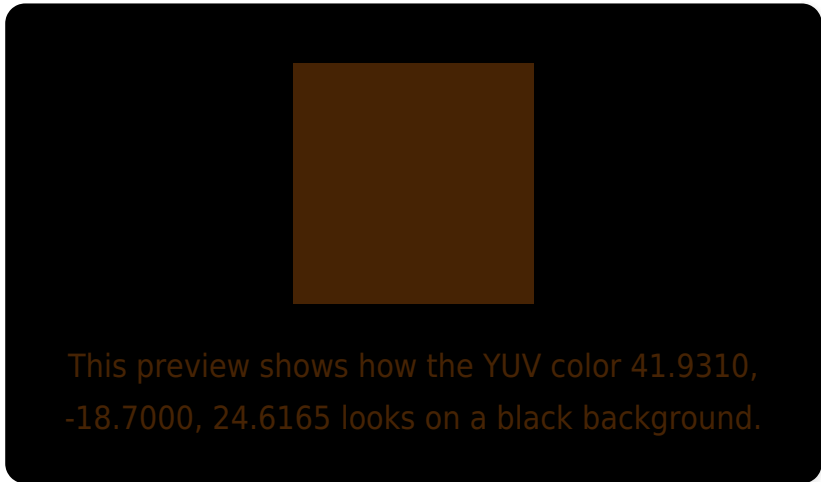
Large Text (above 18pt) WCAG AA ✓ Pass

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

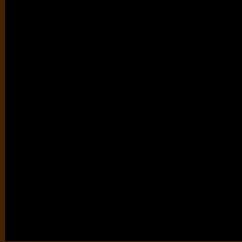
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.9310, -18.7000, 24.6165

Background



This preview shows how black text looks on a background with the YUV color 41.9310, -18.7000, 24.6165.

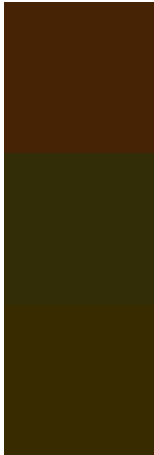


This preview shows how white text looks on a background with the YUV color 41.9310, -18.7000,

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

41.9310, -18.7000, 24.6165

Protanopia

42.4620, -17.4828, 7.4878

Deuteranopia

42.2840, -20.8460, 12.9059



Tritanopia

44.5900, -4.7279, 23.1616

Trichromacy



Original Color

41.9310, -18.7000, 24.6165

Protanomaly

42.0930, -17.7938, 13.9504

Deuteranomaly

42.1320, -20.2781, 17.4242

Tritanomaly

43.9230, -9.8220, 23.7465

Monochromacy



Original Color

41.9310, -18.7000, 24.6165

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.6330, -6.7211, 9.0919

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.9310, -18.7000, 24.6165 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(70, 35, 4)` looks like.

```
.text, #text, p{  
    color:rgb(70, 35, 4)  
}
```

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(70, 35, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 35, 4) }
```

Border

The CSS property to change the border of an element to YUV 41.9310, -18.7000, 24.6165 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(70, 35, 4) }
```


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

```
.border{ border-color:rgb(70, 35, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 35, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 35, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(70, 35, 4); box-shadow:4px  
4px 4px 4px rgb(70, 35, 4) }
```

Background

The CSS property to change the background color of an element to YUV 41.9310, -18.7000, 24.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 35, 4) }
```

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

```
.background{ background-color: rgb(70, 35,  
4) }
```

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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