

Converting Colors

YUV(41.2890, 1.8295, 19.9175)

Have a look what the booklet for
YUV(41.2890, 1.8295, 19.9175)
contains.

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Color

**YUV(41.2890, 1.8295,
19.9175)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 401D2D |
| RGB | 64, 29, 45 |
| RGB Percent | 25%, 11%, 18% |
| CMY | 0.7490, 0.8863, 0.8235 |
| CMYK | 0.00, 0.55, 0.30, 0.75 |
| HSL | 333°, 38%, 18% |
| HSV | 333°, 55%, 25% |
| XYZ | 3.0274, 2.1582, 2.7396 |
| YIQ | 41.2890, 15.7240, 12.3960 |

Conversions

Conversions Part 2

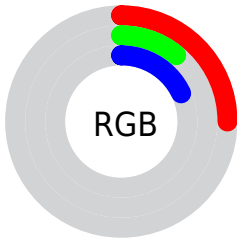
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 64, 29, 45 |
| Decimal | 4201773 |
| CIELab | 16.30, 19.29, -2.92 |
| CIElCh | 16, 19.505, 351.383 |
| Yxy | 2.1582, 0.3820, 0.2723 |
| Android (android.graphics.Color) | 4282391853 (0xFF401D2D) |
| YUV | 41.2890, 1.8295, 19.9175 |
| Hunter-Lab | 14.6907, 11.0753, -0.7733 |

Details

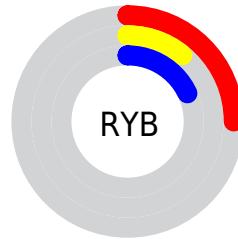
The YUV color **41.2890, 1.8295, 19.9175** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **51.7110, -1.8295, -19.9175**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.5990, 1.6767, 22.2767**, and **2.6910, -1.3267, 5.5330** is the 20% darker color. If you saturate the color by 10%, you get **37.4250, 2.2555, 23.3063**, and if you desaturate by 10%, it is **45.1530, 1.4036, 16.5288**.

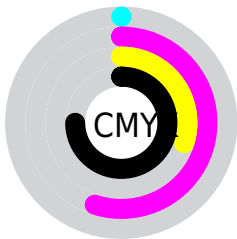
Distribution



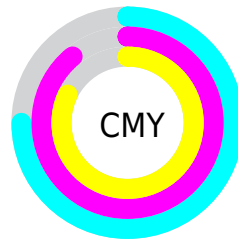
- Red (25%)
- Green (11%)
- Blue (18%)



- Red (25%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (55%)
- Yellow (30%)
- Black (75%)



- Cyan (75%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.2890, 1.8295, 19.9175 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 41.2890, 1.8295, 19.9175 by changing the saturation by 10% instead.

■ 41.2890, 1.8295,
19.9175

■ 41.2890, 1.8295,
19.9175

■ 255.0000, 0.0000,
0.0000

■ 19.1040, 2.4137,
19.2028

■ 87.5990, 1.6767,
22.2767

■ 2.6910, -1.3267,
5.5330

■ 112.1970, 1.3819,
23.5062

■ 0.0000, 0.0000,
0.0000

■ 137.9090, 1.5239,
24.6358

■ 164.2080, 1.3765,
25.2506

■ 191.5070, 1.2290,
25.8654

■ 219.8060, 1.0816,

26.4801

241.0430, 4.9088,
12.2403

41.2890, 1.8295,
19.9175

41.2890, 1.8295,
19.9175

37.4250, 2.2555,
23.3063

45.1530, 1.4036,
16.5288

32.8600, 2.5340,
27.3098

49.7180, 1.1250,
12.5253

28.9960, 2.9600,
30.6985

53.5820, 0.6991,
9.1366

24.4310, 3.2385,
34.7020

58.1470, 0.4205,
5.1331

22.4420, 3.2331,
36.4464

62.0110, -0.0054,
1.7444

■ 65.9890, 0.0054,
-1.7444

■ 70.4400, -0.7099,
-5.6479

■ 74.4180, -0.6991,
-9.1366

■ 78.8690, -1.4144,
-13.0401

Harmonies

Analogous

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



42.1290, 7.8244, 10.4109



41.2890, 1.8295, 19.9175



40.2910, -4.5805, 22.5468

Triad

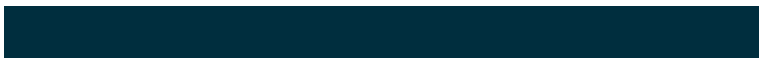
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.2890, 1.8295, 19.9175



38.3840, -12.5143, 0.5402



34.0700, 13.7695, -29.8794

Complementary

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



41.2890, 1.8295, 19.9175



51.7110, -1.8295, -19.9175

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.



33.2890, 8.2385, -29.1945



41.2890, 1.8295, 19.9175



36.0880, -6.9454, -12.3552

Square

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



41.2890, 1.8295, 19.9175



39.1080, -13.8572, 11.3063



31.6930, 2.1234, -27.7948



33.5910, 16.9636, -27.7053

Rectangle

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



41.2890, 1.8295, 19.9175



40.5420, -8.6482, 20.5727



31.6930, 2.1234, -27.7948



34.2010, 11.7329, -29.9943

Sweetspot

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



41.2890, 1.8295, 19.9175



75.5710, 0.7045, 7.3922



38.6710, 12.4872, 8.1815



37.8480, 0.5679, 4.5183



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



41.2890, 1.8295, 19.9175



48.2950, 2.8126, 31.3133



40.0520, -5.4486, 21.0024



31.0110, -0.0054, 1.7444



34.0190, 4.9206, 55.2343



78.7180, 11.9710, 127.4123

Inverse Universe

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



41.2890, 1.8295, 19.9175



48.2950, 2.8126, 31.3133



52.9480, 5.4486, -21.0024



31.0110, -0.0054, 1.7444



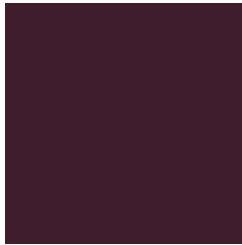
34.0190, 4.9206, 55.2343



78.7180, 11.9710, 127.4123

Previews

White Background



This preview shows how the YUV color 41.2890, 1.8295, 19.9175 looks on a white background.

Color Contrast Check

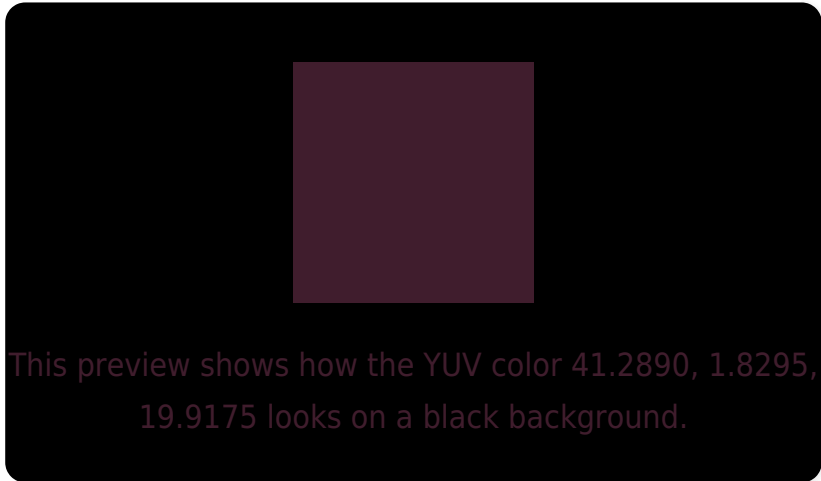
Large Text (above 18pt) WCAG AA ✓ Pass

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

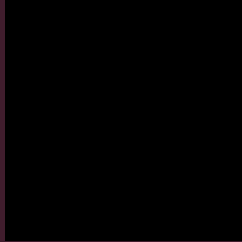
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.2890, 1.8295, 19.9175

Background



This preview shows how black text looks on a background with the YUV color 41.2890, 1.8295, 19.9175.



This preview shows how white text looks on a background with the YUV color 41.2890, 1.8295,

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

41.2890, 1.8295, 19.9175

Protanopia

41.4710, 5.6838, -3.0441

Deuteranopia

41.5380, 0.7208, 2.1592



Tritanopia

40.9100, -3.4066, 19.3729

Trichromacy



Original Color

41.2890, 1.8295, 19.9175

Protanomaly

41.4720, 4.2043, 4.8481

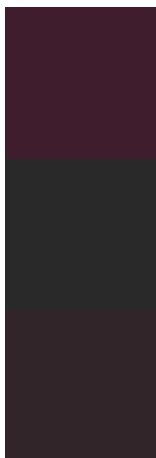
Deuteranomaly

41.3970, 1.2833, 8.4218

Tritanomaly

40.7790, -1.3700, 19.4878

Monochromacy



Original Color

41.2890, 1.8295, 19.9175

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1580, 0.4151, 6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.2890, 1.8295, 19.9175 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(64, 29, 45)` looks like.

```
.text, #text, p{  
    color:rgb(64, 29, 45)  
}
```

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(64, 29, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 29, 45) }
```

Border

The CSS property to change the border of an element to YUV 41.2890, 1.8295, 19.9175 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(64, 29, 45) }
```


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

```
.border{ border-color:rgb(64, 29, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 29, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 29, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 29, 45);  
box-shadow:4px 4px 4px 4px rgb(64, 29, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.2890, 1.8295, 19.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 29, 45) }
```

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

```
.background{ background-color: rgb(64, 29,  
45) }
```

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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