

Converting Colors

YUV(41.0040, -5.9180, 31.5685)

Have a look what the booklet for
YUV(41.0040, -5.9180, 31.5685)
contains.

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Color

**YUV(41.0040, -5.9180,
31.5685)**

Conversions

Conversions Part 1

Format	Color
Hex	4D191D
RGB	77, 25, 29
RGB Percent	30%, 10%, 11%
CMY	0.6980, 0.9020, 0.8863
CMYK	0.00, 0.68, 0.62, 0.70
HSL	355°, 51%, 20%
HSV	355°, 68%, 30%
XYZ	3.6300, 2.3618, 1.4269
YIQ	41.0040, 29.7080, 12.2680

Conversions

Conversions Part 2

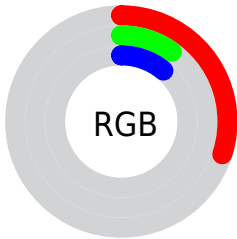
Format	Color
R_{YB}	77, 25, 29
Decimal	5052701
CIE Lab	17.28, 24.93, 10.23
CIE LCh	17, 26.943, 22.311
Yxy	2.3618, 0.4893, 0.3184
Android (android.graphics.Color)	4283242781 (0xFF4D191D)
YUV	41.0040, -5.9180, 31.5685
Hunter-Lab	15.3680, 15.2683, 5.2524

Details

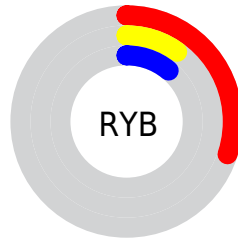
The YUV color **41.0040, -5.9180, 31.5685** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **60.9960, 5.9180, -31.5685**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.4560, -8.1128, 35.5571**, and **7.8880, -3.3958, 15.8842** is the 20% darker color. If you saturate the color by 10%, you get **35.5100, -6.6604, 36.3867**, and if you desaturate by 10%, it is **46.4980, -5.1755, 26.7503**.

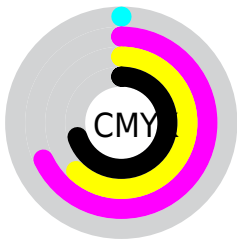
Distribution



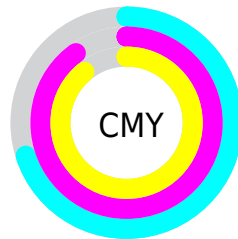
- Red (30%)
- Green (10%)
- Blue (11%)



- Red (30%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (68%)
- Yellow (62%)
- Black (70%)



- Cyan (70%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.0040, -5.9180, 31.5685 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 41.0040, -5.9180, 31.5685 by changing the saturation by 10% instead.

■ 41.0040, -5.9180,
31.5685

■ 41.0040, -5.9180,
31.5685

255.0000, 0.0000,
0.0000

■ 17.3630, -7.0810,
31.2536

■ 88.4560, -8.1128,
35.5571

■ 7.8880, -3.3958,
15.8842

■ 113.6520, -8.7024,
38.0162

■ 0.0000, 0.0000,
0.0000

■ 139.8370, -9.2866,
38.7310

■ 166.7340, -9.7289,
40.5753

■ 194.2180,
-10.4605, 41.9048

■ 217.0320, -8.3968,

33.2979

236.6600, -4.2694,
16.0842

41.0040, -5.9180,
31.5685

41.0040, -5.9180,
31.5685

35.5100, -6.6604,
36.3867

46.4980, -5.1755,
26.7503

30.6030, -7.6923,
40.6902

51.4050, -4.1437,
22.4468

25.1090, -8.4347,
45.5084

56.8990, -3.4012,
17.6286

23.7070, -8.7296,
46.7380

62.3930, -2.6587,
12.8103

67.4140, -1.1901,
8.4069

■ 72.9080, -0.4476,
3.5887

■ 78.4020, 0.2948,
-1.2296

■ 83.8960, 1.0373,
-6.0478

■ 88.8030, 2.0691,
-10.3512

Harmonies

Analogous

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



41.9850, 2.9654, 28.9542



41.0040, -5.9180, 31.5685



40.8540, -15.2110, 25.5610

Triad

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



41.0040, -5.9180, 31.5685



34.5880, -8.6709, -18.9327



36.2360, 22.0687, -31.7790

Complementary

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



41.0040, -5.9180, 31.5685



60.9960, 5.9180, -31.5685

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.



37.6720, 17.4167, -33.0383



41.0040, -5.9180, 31.5685



34.1550, 1.4026, -29.9539

Square

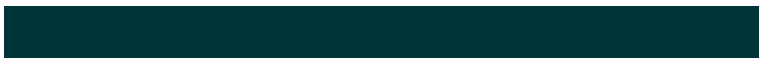
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.0040, -5.9180, 31.5685



38.6630, -19.0609, 0.2955



37.0220, 9.8492, -32.4683



41.6520, 17.9196, -7.5878

Rectangle

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



41.0040, -5.9180, 31.5685



40.2570, -19.8467, 19.0686



37.0220, 9.8492, -32.4683



37.1820, 20.6163, -32.6086

Sweetspot

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



41.0040, -5.9180, 31.5685



85.7950, -2.3639, 11.5808



45.2800, 15.6380, 24.3104



42.7020, -1.3321, 7.2773



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



41.0040, -5.9180, 31.5685



43.6040, -9.1718, 48.5823



53.4620, -14.0318, 20.6428



35.3100, -0.1528, 2.3591



31.4100, -11.5411, 61.9074



70.8220, -26.0412, 139.5991

Inverse Universe

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



41.0040, -5.9180, 31.5685



43.6040, -9.1718, 48.5823



48.5380, 14.0318, -20.6428



35.3100, -0.1528, 2.3591



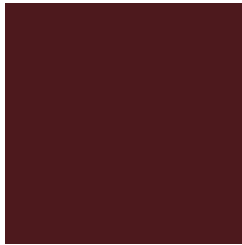
31.4100, -11.5411, 61.9074



70.8220, -26.0412, 139.5991

Previews

White Background



This preview shows how the YUV color 41.0040, -5.9180, 31.5685 looks on a white background.

Color Contrast Check

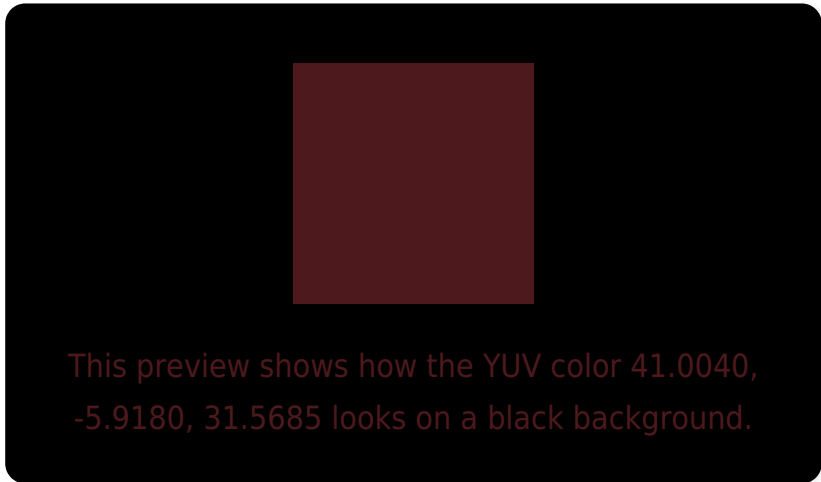
Large Text (above 18pt) WCAG AA ✓ Pass

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

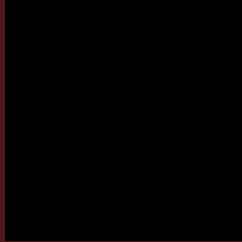
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.0040, -5.9180, 31.5685

Background



This preview shows how black text looks on a background with the YUV color 41.0040, -5.9180, 31.5685.



This preview shows how white text looks on a background with the YUV color 41.0040, -5.9180,

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

41.0040, -5.9180, 31.5685

Protanopia

43.8000, -3.3524, 1.9294

Deuteranopia

43.4650, -8.6102, 8.3622



Tritanopia

40.7760, -6.7916, 31.7684

Trichromacy



Original Color

41.0040, -5.9180, 31.5685

Protanomaly

42.6380, -4.2585, 12.5955

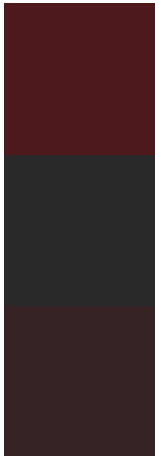
Deuteranomaly

42.7480, -7.7638, 16.8840

Tritanomaly

40.8900, -6.3548, 31.6685

Monochromacy



Original Color

41.0040, -5.9180, 31.5685

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.9090, -1.9271, 11.4808

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.0040, -5.9180, 31.5685 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(77, 25, 29)` looks like.

```
.text, #text, p{  
    color:rgb(77, 25, 29)  
}
```

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(77, 25, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 25, 29) }
```

Border

The CSS property to change the border of an element to YUV 41.0040, -5.9180, 31.5685 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(77, 25, 29) }
```


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

```
.border{ border-color:rgb(77, 25, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 25, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 25, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 25, 29);  
box-shadow:4px 4px 4px 4px rgb(77, 25, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.0040, -5.9180, 31.5685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 25, 29) }
```

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

```
.background{ background-color: rgb(77, 25,  
29) }
```

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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