

Converting Colors

YUV(41.0470, -7.9112, 17.4988)

Have a look what the booklet for
YUV(41.0470, -7.9112, 17.4988)
contains.

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Color

**YUV(41.0470, -7.9112,
17.4988)**

Conversions

Conversions Part 1

Format	Color
Hex	3D2219
RGB	61, 34, 25
RGB Percent	24%, 13%, 10%
CMY	0.7608, 0.8667, 0.9020
CMYK	0.00, 0.44, 0.59, 0.76
HSL	15°, 42%, 17%
HSV	15°, 59%, 24%
XYZ	2.6720, 2.2063, 1.2047
YIQ	41.0470, 18.9810, 2.9250

Conversions

Conversions Part 2

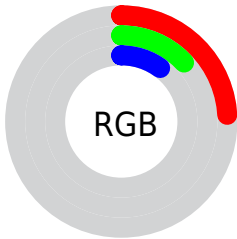
Format	Color
R_{YB}	61, 37, 25
Decimal	4006425
CIE _{Lab}	16.53, 11.80, 11.53
CIE _{LCh}	17, 16.493, 44.344
Yxy	2.2063, 0.4392, 0.3627
Android (android.graphics.Color)	4282196505 (0xFF3D2219)
YUV	41.0470, -7.9112, 17.4988
Hunter-Lab	14.8538, 6.1153, 5.5888

Details

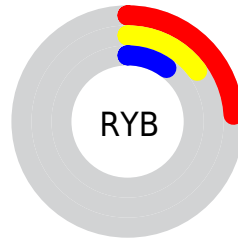
The YUV color **41.0470, -7.9112, 17.4988** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **44.9530, 7.9112, -17.4988**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.0150, -9.3744, 20.1578**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.4280, -9.0850, 20.6726**, and if you desaturate by 10%, it is **44.6660, -6.7373, 14.3249**.

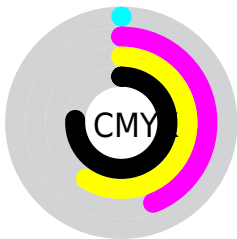
Distribution



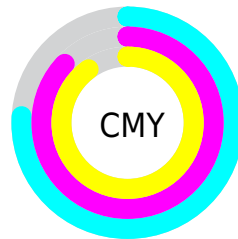
- Red (24%)
- Green (13%)
- Blue (10%)



- Red (24%)
- Yellow (15%)
- Blue (10%)



- Cyan (0%)
- Magenta (44%)
- Yellow (59%)
- Black (76%)



- Cyan (76%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.0470, -7.9112, 17.4988 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 41.0470, -7.9112, 17.4988 by changing the saturation by 10% instead.

■ 41.0470, -7.9112,
17.4988

■ 41.0470, -7.9112,
17.4988

■ 254.6580, -1.3104,
0.2999

■ 19.2920, -9.5110,
17.2839

■ 87.0150, -9.3744,
20.1578

■ 0.0000, 0.0000,
0.0000

■ 111.6130, -9.6692,
21.3874

■ 137.0970,
-10.4008, 22.7169

■ 163.6950,
-10.6956, 23.9465

■ 190.8800,
-11.2798, 24.6612

■ 218.1790,

-11.4272, 25.2760

■ 240.7860, -8.7685,
12.4657

■ 41.0470, -7.9112,
17.4988

■ 41.0470, -7.9112,
17.4988

■ 37.4280, -9.0850,
20.6726

■ 44.6660, -6.7373,
14.3249

■ 34.3960, -10.5482,
23.3317

■ 47.6980, -5.2741,
11.6659

■ 30.7770, -11.7221,
26.5056

■ 51.3170, -4.1003,
8.4920

■ 27.7450, -13.1853,
29.1646

■ 54.3490, -2.6371,
5.8329

■ 27.0440, -13.3327,
29.7794

■ 58.0820, -1.0264,
2.5591

■ 61.1140, 0.4368,
-0.1000

■ 64.7330, 1.6106,
-3.2738

■ 68.3520, 2.7845,
-6.4477

■ 71.3840, 4.2477,
-9.1068

Harmonies

Analogous

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



41.7250, -2.8224, 18.6582



41.0470, -7.9112, 17.4988



40.5040, -11.0945, 11.8360

Triad

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



41.0470, -7.9112, 17.4988



35.3520, -0.6665, -19.6027



40.3440, 11.6624, -7.3177

Complementary

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



41.0470, -7.9112, 17.4988



44.9530, 7.9112, -17.4988

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.



35.4020, 13.6058, -24.0316



41.0470, -7.9112, 17.4988



32.8330, 6.4913, -28.7945

Square

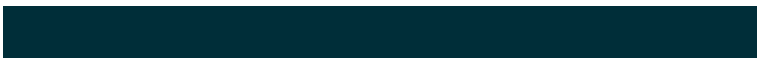
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.0470, -7.9112, 17.4988



38.1210, -6.9617, -7.1221



33.5000, 11.5855, -29.3795



42.3950, 7.6933, 5.7926

Rectangle

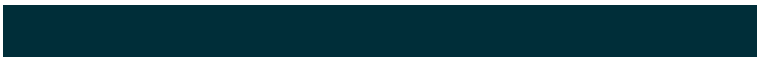
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.0470, -7.9112, 17.4988



40.0580, -11.3676, 6.0881



33.5000, 11.5855, -29.3795



39.4250, 12.1155, -12.6507

Sweetspot

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



41.0470, -7.9112, 17.4988



70.9470, -2.9319, 7.0625



38.8420, 6.4869, 19.4326



35.8650, -1.9054, 4.5034



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



41.0470, -7.9112, 17.4988



47.9620, -12.3063, 27.2203



51.6130, -13.1202, 8.2324



28.8970, -0.4422, 1.8443



42.1940, -20.8016, 45.4339



98.6630, -48.6409, 108.1665

Inverse Universe

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



44.9530, 7.9112, -17.4988



54.0380, 12.3063, -27.2203



34.3870, 13.1202, -8.2324



29.5160, 0.7316, -1.3295



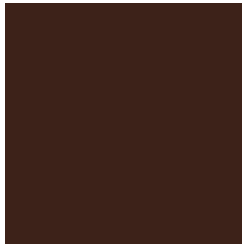
52.3930, 20.5123, -45.9487



122.7500, 48.9303, -107.6518

Previews

White Background



This preview shows how the YUV color 41.0470, -7.9112, 17.4988 looks on a white background.

Color Contrast Check

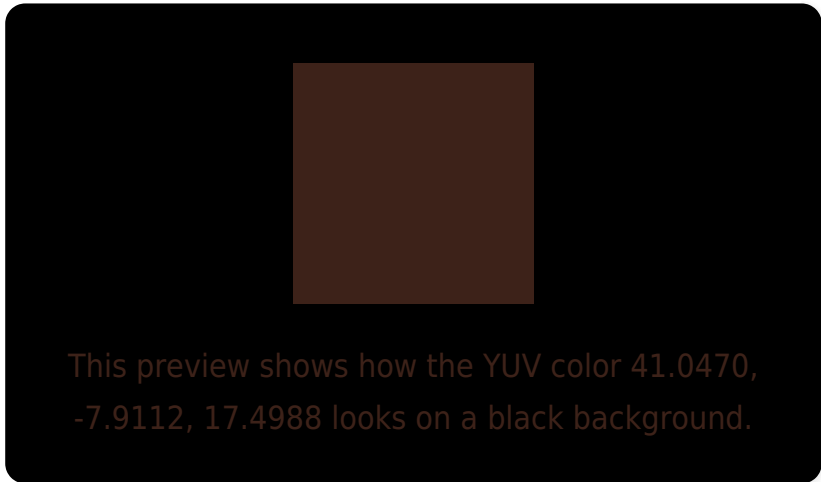
Large Text (above 18pt) WCAG AA ✓ Pass

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

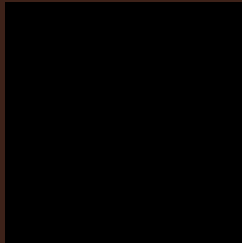
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.0470, -7.9112, 17.4988

Background



This preview shows how black text looks on a background with the YUV color 41.0470, -7.9112, 17.4988.

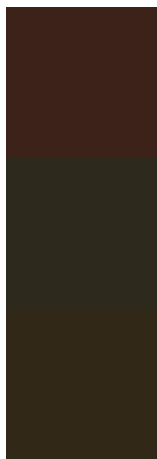


This preview shows how white text looks on a background with the YUV color 41.0470, -7.9112,

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

41.0470, -7.9112, 17.4988

Protanopia

40.7140, -6.2680, 3.7588

Deuteranopia

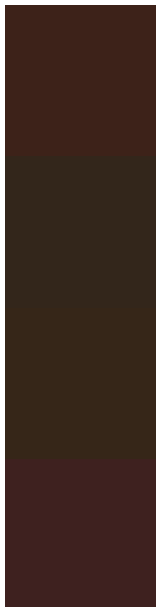
41.1660, -8.4628, 7.7474



Tritanopia

41.8990, -3.4012, 17.6286

Trichromacy



Original Color

41.0470, -7.9112, 17.4988

Protanomaly

40.6330, -6.7211, 9.0919

Deuteranomaly

41.1880, -8.4737, 11.2361

Tritanomaly

41.4430, -5.1484, 18.0285

Monochromacy



Original Color

41.0470, -7.9112, 17.4988

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.6480, -2.7845, 6.4477

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.0470, -7.9112, 17.4988 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(61, 34, 25)` looks like.

```
.text, #text, p{  
    color:rgb(61, 34, 25)  
}
```

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(61, 34, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 34, 25) }
```

Border

The CSS property to change the border of an element to YUV 41.0470, -7.9112, 17.4988 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(61, 34, 25) }
```


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

```
.border{ border-color:rgb(61, 34, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 34, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 34, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 34, 25);  
box-shadow:4px 4px 4px 4px rgb(61, 34, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.0470, -7.9112, 17.4988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 34, 25) }
```

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

```
.background{ background-color: rgb(61, 34,  
25) }
```

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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