

Converting Colors

YUV(41.9040, -17.7007,
30.7792)

Have a look what the booklet for
YUV(41.9040, -17.7007, 30.7792)
contains.

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Color

**YUV(41.9040, -17.7007,
30.7792)**

Conversions

Conversions Part 1

Format	Color
Hex	4D1F06
RGB	77, 31, 6
RGB Percent	30%, 12%, 2%
CMY	0.6980, 0.8784, 0.9765
CMYK	0.00, 0.60, 0.92, 0.70
HSL	21°, 86%, 16%
HSV	21°, 92%, 30%
XYZ	3.5834, 2.5709, 0.4797
YIQ	41.9040, 35.4410, 1.9770

Conversions

Conversions Part 2

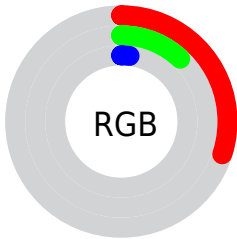
Format	Color
R_{YB}	77, 45, 6
Decimal	5054214
CIE _{Lab}	18.24, 20.09, 24.58
CIE _{LCh}	18, 31.745, 50.744
Yxy	2.5709, 0.5402, 0.3875
Android (android.graphics.Color)	4283244294 (0xFF4D1F06)
YUV	41.9040, -17.7007, 30.7792
Hunter-Lab	16.0340, 11.8332, 9.4501

Details

The YUV color **41.9040, -17.7007, 30.7792** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **41.0960, 17.7007, -30.7792**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.2960, -18.8799, 35.6974**, and **7.5890, -3.2484, 15.2694** is the 20% darker color. If you saturate the color by 10%, you get **38.8720, -19.1639, 33.4383**, and if you desaturate by 10%, it is **45.7510, -15.6532, 27.4054**.

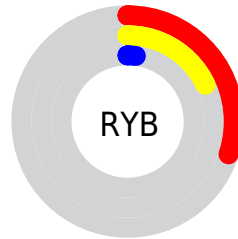
Distribution



Red (30%)

Green (12%)

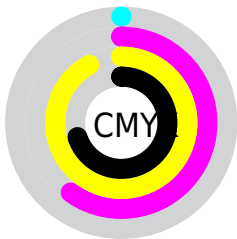
Blue (2%)



Red (30%)

Yellow (18%)

Blue (2%)

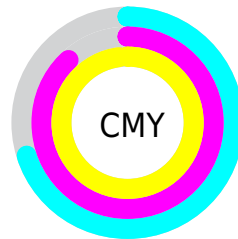


Cyan (0%)

Magenta (60%)

Yellow (92%)

Black (70%)



Cyan (70%)


Magenta (88%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 41.9040, -17.7007, 30.7792 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 41.9040, -17.7007, 30.7792 by changing the saturation by 10% instead.


 41.9040, -17.7007,
30.7792


 41.9040, -17.7007,
30.7792


 252.2640,
-10.4832, 2.3995

 20.5320, -10.1223,
26.7204


 89.2960, -18.8799,
35.6974


 7.5890, -3.2484,
15.2694

 114.9650,
-20.1957, 37.7417

 0.0000, 0.0000,
0.0000


 140.7480,
-21.0748, 39.6860


 167.5310,
-21.9538, 41.6303


 195.0150,
-22.6854, 42.9598


 217.2310,


-20.3269, 33.1234


 237.3320,
-16.9257, 15.4948


 41.9040, -17.7007,
30.7792


 41.9040, -17.7007,
30.7792


 38.8720, -19.1639,
33.4383

 45.7510, -15.6532,
27.4054

 49.4840, -14.0426,
24.1315

 53.3310, -11.9952,
20.7577

 57.1780, -9.9478,
17.3839

 61.0250, -7.9003,
14.0101

■ 64.7580, -6.2897,
10.7362

■ 68.6050, -4.2423,
7.3624

■ 72.4520, -2.1948,
3.9886

■ 76.1850, -0.5842,
0.7148

Harmonies

Analogous

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



41.7490, -5.7923, 37.9311



41.9040, -17.7007, 30.7792



42.6050, -21.0043, 17.0094

Triad

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



41.9040, -17.7007, 30.7792



35.8020, 0.0976, -31.3984



42.4710, 22.4458, -12.6911

Complementary

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



41.9040, -17.7007, 30.7792



41.0960, 17.7007, -30.7792

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.



39.0230, 25.1317, -34.2232



41.9040, -17.7007, 30.7792



39.1250, 10.2914, -34.3126

Square

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



41.9040, -17.7007, 30.7792



34.3980, -10.5492, -23.1510



40.8180, 19.3167, -35.7974



46.0680, 13.7705, 16.6034

Rectangle

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



41.9040, -17.7007, 30.7792



41.6530, -20.5349, 6.4433



40.8180, 19.3167, -35.7974



36.6750, 26.2892, -32.1640

Sweetspot

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



41.9040, -17.7007, 30.7792



85.3560, -6.5845, 11.9658



32.4730, 9.6268, 39.0502



42.6050, -4.2423, 7.3624



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.



41.9040, -17.7007, 30.7792



50.1460, -24.7220, 42.8450



62.4490, -27.8294, 12.7612



36.3700, -1.1684, 1.4295



51.6300, -25.4536, 44.1745



116.3170, -57.3443, 99.7000

Inverse Universe

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



41.0960, 17.7007, -30.7792



48.8540, 24.7220, -42.8450



20.5510, 27.8294, -12.7612



36.2170, 0.8790, -1.9443



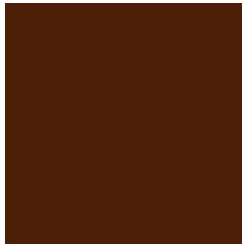
50.3700, 25.4536, -44.1745



113.6830, 57.3443, -99.7000

Previews

White Background



This preview shows how the YUV color 41.9040, -17.7007, 30.7792 looks on a white background.

Color Contrast Check

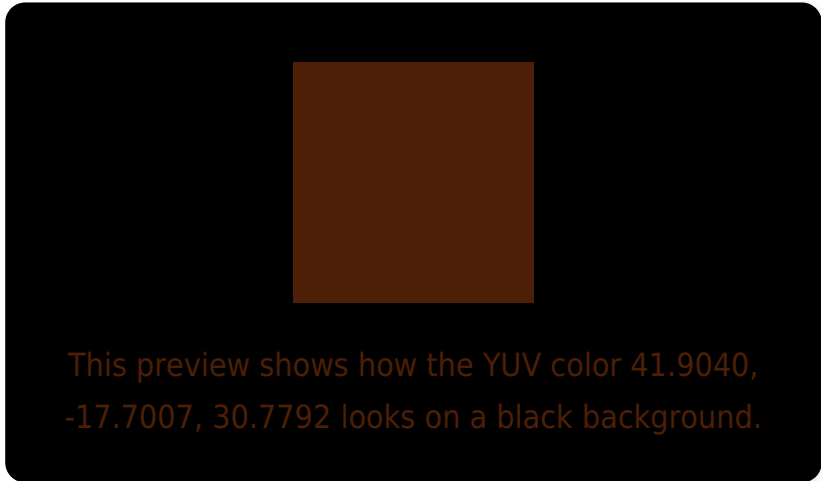
Large Text (above 18pt) WCAG AA ✓ Pass

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

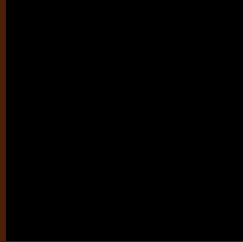
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.9040, -17.7007, 30.7792

Background



This preview shows how black text looks on a background with the YUV color 41.9040, -17.7007, 30.7792.

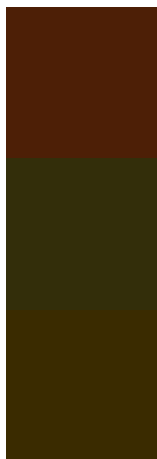


This preview shows how white text looks on a background with the YUV color 41.9040, -17.7007,

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

41.9040, -17.7007, 30.7792

Protanopia

43.3910, -16.4618, 6.6731

Deuteranopia

42.5830, -20.9934, 13.5207



Tritanopia

43.8790, -6.3493, 29.9241

Trichromacy



Original Color

41.9040, -17.7007, 30.7792

Protanomaly

43.0330, -16.7783, 14.8801

Deuteranomaly

42.5560, -19.9941, 19.6834

Tritanomaly

43.4400, -10.5699, 30.3091

Monochromacy



Original Color

41.9040, -17.7007, 30.7792

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0570, -6.4371, 11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.9040, -17.7007, 30.7792 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, 31, 6)` looks like.

```
.text, #text, p{  
    color:rgb(77, 31, 6)  
}
```

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, 31, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 31, 6) }
```

Border

The CSS property to change the border of an element to YUV 41.9040, -17.7007, 30.7792 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, 31, 6) }
```


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

```
.border{ border-color:rgb(77, 31, 6) }
```

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

Here you see how a box with a 4 pixel rgb(77, 31, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 31, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 31, 6); box-shadow:4px  
4px 4px 4px rgb(77, 31, 6) }
```

Background

The CSS property to change the background color of an element to YUV 41.9040, -17.7007, 30.7792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 31, 6) }
```

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

```
.background{ background-color: rgb(77, 31,  
6) }
```

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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