

Converting Colors

YUV(40.1520, -16.8369,
80.5507)

Have a look what the booklet for
YUV(40.1520, -16.8369, 80.5507)
contains.

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Color

**YUV(40.1520, -16.8369,
80.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	840006
RGB	132, 0, 6
RGB Percent	52%, 0%, 2%
CMY	0.4824, 1.0000, 0.9765
CMYK	0.00, 1.00, 0.95, 0.48
HSL	357°, 100%, 26%
HSV	357°, 100%, 52%
XYZ	9.5486, 4.9187, 0.6184
YIQ	40.1520, 76.7460, 29.8500

Conversions

Conversions Part 2

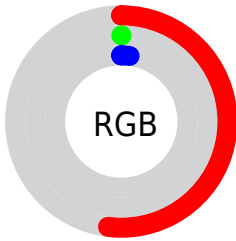
Format	Color
R_YB	132, 0, 6
Decimal	8650758
CIE Lab	26.50, 49.24, 36.85
CIE LCh	27, 61.499, 36.809
Yxy	4.9187, 0.6330, 0.3260
Android (android.graphics.Color)	4286840838 (0xFF840006)
YUV	40.1520, -16.8369, 80.5507
Hunter-Lab	22.1781, 38.0400, 13.8714

Details

The YUV color **40.1520, -16.8369, 80.5507** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **91.8480, 16.8369, -80.5507**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.4370, -25.8514, 78.5468**, and **21.8270, -10.7607, 44.8787** is the 20% darker color. If you saturate the color by 10%, you get **40.1520, -16.8369, 80.5507**, and if you desaturate by 10%, it is **49.2650, -14.9206, 72.5586**.

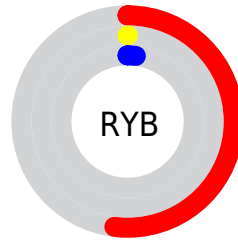
Distribution



Red (52%)

Green (0%)

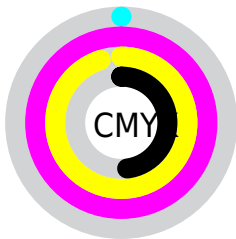
Blue (2%)



Red (52%)

Yellow (0%)

Blue (2%)

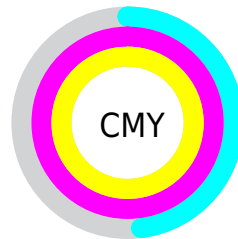


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (48%)



Cyan (48%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 40.1520, -16.8369, 80.5507 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 40.1520, -16.8369, 80.5507 by changing the saturation by 10% instead.


 40.1520, -16.8369,
80.5507


 40.1520, -16.8369,
80.5507


 252.3780,
-10.0464, 2.2995

 30.4980, -15.0355,
62.7073


 103.4370,
-25.8514, 78.5468

 21.8270, -10.7607,
44.8787


 130.5900,
-27.8989, 81.9206

 13.9820, -5.9071,
28.0798

 158.4440,
-29.7989, 84.6796


 0.0000, 0.0000,
0.0000


 177.8440,
-26.5451, 67.6658


 197.2440,
-23.2913, 50.6520


 216.6440,


-20.0375, 33.6382


 236.8590,
-16.1995, 15.9097


 40.1520, -16.8369,
80.5507

 49.2650, -14.9206,
72.5586

 58.2640, -13.4412,
64.6665

 67.9640, -11.8143,
56.1596

 76.9630, -10.3348,
48.2674

 86.0760, -8.4185,
40.2753

■ 95.1890, -6.5022,
32.2832

■ 104.1880, -5.0227,
24.3911

■ 113.8880, -3.3958,
15.8842

■ 122.8870, -1.9163,
7.9921

Harmonies

Analogous

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



48.0160, 2.9501, 80.6700



40.1520, -16.8369, 80.5507



58.1090, -28.6477, 42.0004

Triad

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



40.1520, -16.8369, 80.5507



48.8810, -13.2523, -42.8686



56.7540, 49.9143, -49.7733

Complementary

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



40.1520, -16.8369, 80.5507



91.8480, 16.8369, -80.5507

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.



62.2990, 43.2366, -54.6362



40.1520, -16.8369, 80.5507



55.8690, 8.4456, -48.9971

Square

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



40.1520, -16.8369, 80.5507



44.9330, -22.1520, -35.0212



61.1130, 28.5383, -53.5961



62.0170, 37.9526, 7.0011

Rectangle

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



40.1520, -16.8369, 80.5507



59.1510, -29.1614, 20.0386



61.1130, 28.5383, -53.5961



59.6890, 48.4673, -52.3473

Sweetspot

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



40.1520, -16.8369, 80.5507



135.4770, -6.6442, 31.1537



52.4230, 39.2315, 63.6500



64.7960, -3.8434, 19.4729



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



40.1520, -16.8369, 80.5507



52.0410, -21.7122, 104.3270



74.1010, -36.5318, 50.7774



61.7940, -0.8844, 3.6887



39.5540, -16.5421, 79.3211



0.8970, -0.4422, 1.8443

Inverse Universe

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



40.1520, -16.8369, 80.5507



52.0410, -21.7122, 104.3270



57.8990, 36.5318, -50.7774



61.7940, -0.8844, 3.6887



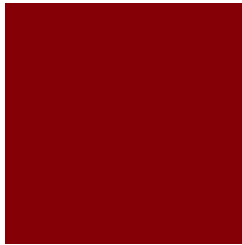
39.5540, -16.5421, 79.3211



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 40.1520, -16.8369, 80.5507 looks on a white background.

Color Contrast Check

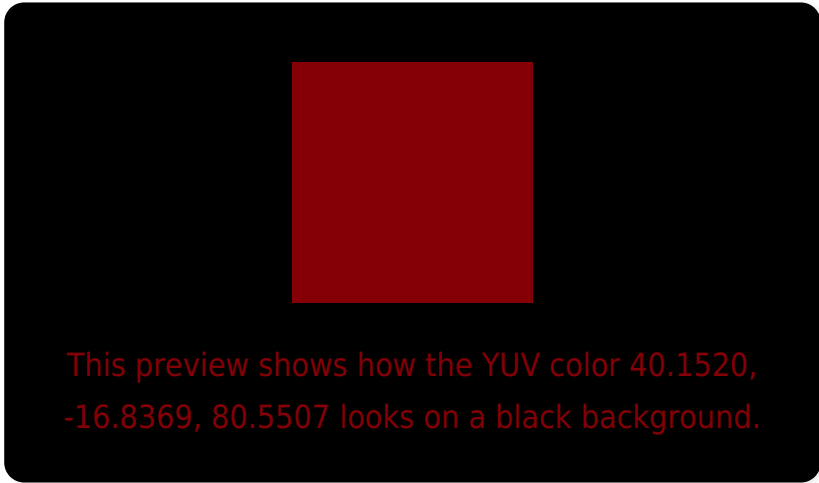
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.1520, -16.8369, 80.5507

Background



This preview shows how black text looks on a background with the YUV color 40.1520, -16.8369, 80.5507.



This preview shows how white text looks on a background with the YUV color 40.1520, -16.8369,

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

40.1520, -16.8369, 80.5507

Protanopia

63.9200, -22.1456, 9.7172

Deuteranopia

62.0970, -30.6138, 19.2089



Tritanopia

46.2130, -22.7830, 74.3582

Trichromacy



Original Color

40.1520, -16.8369, 80.5507

Protanomaly

55.5410, -20.4797, 35.4825

Deuteranomaly

53.9070, -25.5902, 41.3006

Tritanomaly

44.0930, -20.7518, 76.2174

Monochromacy



Original Color

40.1520, -16.8369, 80.5507

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.6940, -5.7651, 29.2094

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.1520, -16.8369, 80.5507 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(132, 0, 6)` looks like.

```
.text, #text, p{  
    color:rgb(132, 0, 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(132, 0, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 0, 6) }
```

Border

The CSS property to change the border of an element to YUV 40.1520, -16.8369, 80.5507 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(132, 0, 6) }
```


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

```
.border{ border-color:rgb(132, 0, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 0, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 0, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(132, 0, 6); box-shadow:4px  
4px 4px 4px rgb(132, 0, 6) }
```

Background

The CSS property to change the background color of an element to YUV 40.1520, -16.8369, 80.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 0, 6) }
```

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

```
.background{ background-color: rgb(132, 0,  
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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