

Converting Colors

YUV(80.4680, -32.7687,
103.9526)

Have a look what the booklet for
YUV(80.4680, -32.7687, 103.9526)
contains.

YUV(80.4680, -32.7687, 103.9526)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(80.4680, -32.7687,
103.9526)**

Conversions

Conversions Part 1

Format	Color
Hex	C7210E
RGB	199, 33, 14
RGB Percent	78%, 13%, 5%
CMY	0.2196, 0.8706, 0.9451
CMYK	0.00, 0.83, 0.93, 0.22
HSL	6°, 87%, 42%
HSV	6°, 93%, 78%
XYZ	24.1763, 13.2615, 1.7010
YIQ	80.4680, 105.0350, 29.2830

Conversions

Conversions Part 2

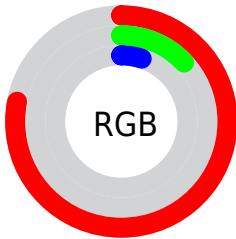
Format	Color
R_{YB}	199, 35, 14
Decimal	13050126
CIE Lab	43.15, 61.82, 51.99
CIE LCh	43, 80.781, 40.064
Yxy	13.2615, 0.6177, 0.3388
Android (android.graphics.Color)	4291240206 (0xFFC7210E)
YUV	80.4680, -32.7687, 103.9526
Hunter-Lab	36.4164, 54.7749, 22.7221

Details

The YUV color **80.4680, -32.7687, 103.9526** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **132.5320, 32.7687, -103.9526**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.7790, -37.8520, 101.0488**, and **40.3650, -19.8999, 82.9949** is the 20% darker color. If you saturate the color by 10%, you get **71.2410, -35.1218, 112.0446**, and if you desaturate by 10%, it is **93.3140, -29.2418, 92.6866**.

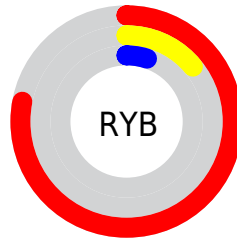
Distribution



Red (78%)

Green (13%)

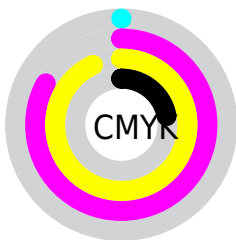
Blue (5%)



Red (78%)

Yellow (14%)

Blue (5%)

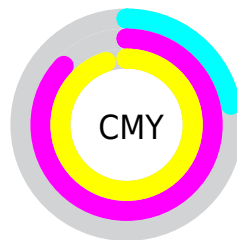


Cyan (0%)

Magenta (83%)

Yellow (93%)

Black (22%)



Cyan (22%)


Magenta (87%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.4680, -32.7687, 103.9526 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 80.4680, -32.7687, 103.9526 by changing the saturation by 10% instead.


 80.4680, -32.7687,
103.9526


 80.4680, -32.7687,
103.9526


 254.4300, -2.1840,
0.4999

 49.9330, -24.6170,
102.6678


 139.7790,
-37.8520, 101.0488


 40.3650, -19.8999,
82.9949


 159.5380,
-35.7612, 83.7202


 31.0960, -15.3303,
63.9368

 178.9380,
-32.5074, 66.7064

 22.3540, -10.0345,
45.2935

 198.9250,
-29.5430, 49.1778


 13.2700, -6.0491,
26.9502


 219.0260,
-26.1418, 31.5492


 0.0000, 0.0000,
0.0000


 239.1270,


-22.7406, 13.9206


 251.1240,
-14.8511, 3.3993

 80.4680, -32.7687,
103.9526


 80.4680, -32.7687,
103.9526


 71.2410, -35.1218,
112.0446

 93.3140, -29.2418,
92.6866

 106.1600,
-25.7149, 81.4207

 119.0060,
-22.1880, 70.1547

 131.2650,
-18.3716, 59.4036

 144.1110,
-14.8447, 48.1377

■ 156.8430,
-11.7546, 36.9717

■ 169.6890, -8.2277,
25.7057

■ 182.5350, -4.7008,
14.4398

■ 195.3810, -1.1738,
3.1739

Harmonies

Analogous

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



73.4480, 4.7091, 123.2641



80.4680, -32.7687, 103.9526



95.3870, -47.0258, 56.6656

Triad

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



80.4680, -32.7687, 103.9526



79.8900, -13.7498, -70.0635



87.9520, 72.9877, -77.1339

Complementary

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



80.4680, -32.7687, 103.9526



132.5320, 32.7687, -103.9526

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.



97.8340, 65.1578, -85.8004



80.4680, -32.7687, 103.9526



89.8590, 16.8315, -78.8063

Square

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



80.4680, -32.7687, 103.9526



70.4400, -34.7269, -61.7759



96.5680, 45.0760, -84.6901



102.5470, 51.0023, 21.4453

Rectangle

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



80.4680, -32.7687, 103.9526



96.0750, -47.3650, 25.3672



96.5680, 45.0760, -84.6901



92.8760, 71.5461, -81.4523

Sweetspot

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



80.4680, -32.7687, 103.9526



209.3380, -12.4916, 40.0456



88.3530, 45.6750, 97.0374



100.0910, -7.9329, 24.4762



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



80.4680, -32.7687, 103.9526



91.5070, -45.1130, 143.3834



134.4720, -59.3927, 56.5911



93.2780, -1.6161, 5.0182



58.7160, -28.9470, 91.4571



13.1120, -6.4642, 20.0728

Inverse Universe

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



132.5320, 32.7687, -103.9526



163.4930, 45.1130, -143.3834



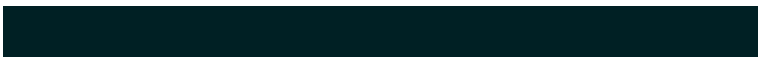
78.5280, 59.3927, -56.5911



95.7220, 1.6161, -5.0182



104.2840, 28.9470, -91.4571



22.8880, 6.4642, -20.0728

Previews

White Background



This preview shows how the YUV color 80.4680, -32.7687, 103.9526 looks on a white background.

Color Contrast Check

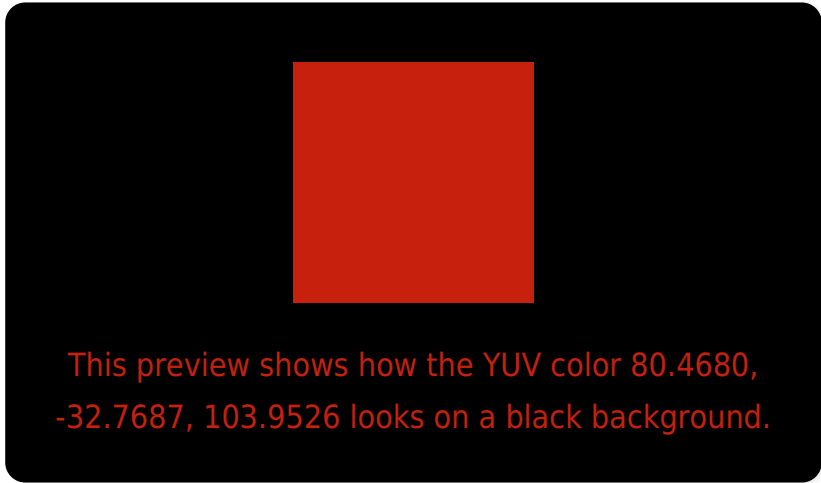
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 80.4680, -32.7687, 103.9526

Background



This preview shows how black text looks on a background with the YUV color 80.4680, -32.7687, 103.9526.



This preview shows how white text looks on a background with the YUV color 80.4680, -32.7687,

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

80.4680, -32.7687, 103.9526

Protanopia

98.5650, -33.8025, 15.2905

Deuteranopia

96.3960, -47.5232, 29.4707



Tritanopia

81.7050, -25.4906, 102.8677

Trichromacy



Original Color

80.4680, -32.7687, 103.9526

Protanomaly

92.1760, -33.6108, 47.2036

Deuteranomaly

90.3530, -42.0790, 56.6954

Tritanomaly

81.0210, -28.1114, 103.4676

Monochromacy



Original Color

80.4680, -32.7687, 103.9526

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1420, -11.9020, 37.5865

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4680, -32.7687, 103.9526 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(199, 33, 14)` looks like.

```
.text, #text, p{  
    color:rgb(199, 33, 14)  
}
```

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(199, 33, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 33, 14) }
```

Border

The CSS property to change the border of an element to YUV 80.4680, -32.7687, 103.9526 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(199, 33, 14) }
```


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

```
.border{ border-color:rgb(199, 33, 14) }
```

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

Here you see how a box with a 4 pixel rgb(199, 33, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 33, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 33, 14);  
box-shadow:4px 4px 4px 4px rgb(199, 33,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 80.4680, -32.7687, 103.9526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 33, 14) }
```

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

```
.background{ background-color: rgb(199, 33,  
14) }
```

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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