

Converting Colors

YUV(40.9680, -7.8722, 51.7711)

Have a look what the booklet for
YUV(40.9680, -7.8722, 51.7711)
contains.

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Color

**YUV(40.9680, -7.8722,
51.7711)**

Conversions

Conversions Part 1

Format	Color
Hex	640E19
RGB	100, 14, 25
RGB Percent	39%, 5%, 10%
CMY	0.6078, 0.9451, 0.9020
CMYK	0.00, 0.86, 0.75, 0.61
HSL	352°, 75%, 22%
HSV	352°, 86%, 39%
XYZ	5.5880, 3.0936, 1.2223
YIQ	40.9680, 47.7250, 21.6530

Conversions

Conversions Part 2

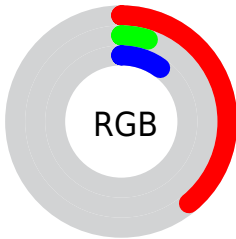
Format	Color
R_{YB}	100, 14, 25
Decimal	6557209
CIE _{Lab}	20.41, 37.46, 18.00
CIE _{LCh}	20, 41.562, 25.667
Yxy	3.0936, 0.5642, 0.3124
Android (android.graphics.Color)	4284747289 (0xFF640E19)
YUV	40.9680, -7.8722, 51.7711
Hunter-Lab	17.5886, 25.9308, 8.1917

Details

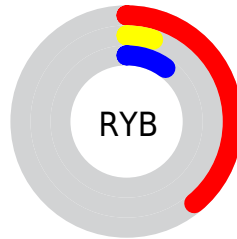
The YUV color **40.9680, -7.8722, 51.7711** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **73.0320, 7.8722, -51.7711**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.7250, -12.6824, 54.6152**, and **14.7650, -6.7861, 30.0241** is the 20% darker color. If you saturate the color by 10%, you get **34.0720, -8.9095, 57.8189**, and if you desaturate by 10%, it is **47.8640, -6.8350, 45.7233**.

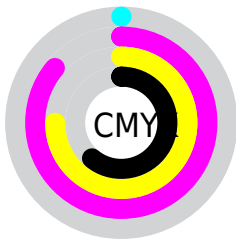
Distribution



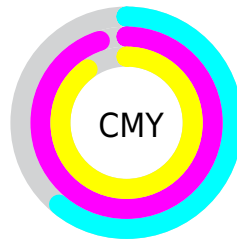
- Red (39%)
- Green (5%)
- Blue (10%)



- Red (39%)
- Yellow (5%)
- Blue (10%)



- Cyan (0%)
- Magenta (86%)
- Yellow (75%)
- Black (61%)



- Cyan (61%)
- Magenta (95%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.9680, -7.8722, 51.7711 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 40.9680, -7.8722, 51.7711 by changing the saturation by 10% instead.

■ 40.9680, -7.8722,
51.7711

■ 40.9680, -7.8722,
51.7711

■ 254.6580, -1.3104,
0.2999

■ 21.8270, -10.7607,
44.8787

■ 93.7250, -12.6824,
54.6152

■ 14.7650, -6.7861,
30.0241

■ 119.6930,
-14.1456, 57.2742

■ 0.0000, 0.0000,
0.0000

■ 146.7750,
-15.1721, 59.8333

■ 173.8570,
-16.1985, 62.3924

■ 196.3610,
-13.9820, 51.4264

■ 215.2880,

-10.0020, 34.8274

235.5030, -6.1640,
17.0989

40.9680, -7.8722,
51.7711

40.9680, -7.8722,
51.7711

34.0720, -8.9095,
57.8189

47.8640, -6.8350,
45.7233

31.3820, -9.0623,
60.1780

54.6460, -6.2345,
39.7755

61.5420, -5.1972,
33.7277

68.4380, -4.1599,
27.6799

75.3340, -3.1227,
21.6321

■ 82.1160, -2.5222,
15.6843

■ 89.0120, -1.4849,
9.6365

■ 95.9080, -0.4476,
3.5887

■ 102.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



39.9800, 7.4049, 51.7605



40.9680, -7.8722, 51.7711



45.0960, -22.2323, 37.6268

Triad

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



40.9680, -7.8722, 51.7711



36.3600, -12.9955, -31.8877



44.9390, 32.5681, -39.4115

Complementary

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



40.9680, -7.8722, 51.7711



73.0320, 7.8722, -51.7711

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.



46.6200, 26.3163, -40.8857



40.9680, -7.8722, 51.7711



41.4100, 1.2769, -36.3166

Square

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



40.9680, -7.8722, 51.7711



43.3480, -21.3706, -5.5672



44.9440, 14.8176, -39.4159



47.3770, 28.4081, -11.7316

Rectangle

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



40.9680, -7.8722, 51.7711



46.7800, -23.0625, 23.8719



44.9440, 14.8176, -39.4159



45.8850, 31.1157, -40.2411

Sweetspot

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



40.9680, -7.8722, 51.7711



106.7360, -2.8278, 20.4025



46.2290, 26.5091, 37.5102



52.2080, -2.0745, 12.0956



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



40.9680, -7.8722, 51.7711



40.8080, -11.7373, 78.2214



58.4980, -21.9375, 36.3973



47.6090, -0.3002, 2.9739



36.0950, -10.3998, 69.1997



75.8920, -22.1318, 145.6767

Inverse Universe

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



40.9680, -7.8722, 51.7711



40.8080, -11.7373, 78.2214



55.5020, 21.9375, -36.3973



47.6090, -0.3002, 2.9739



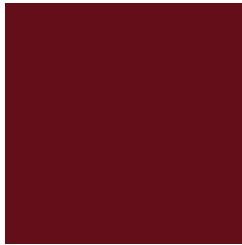
36.0950, -10.3998, 69.1997



75.8920, -22.1318, 145.6767

Previews

White Background



This preview shows how the YUV color 40.9680, -7.8722, 51.7711 looks on a white background.

Color Contrast Check

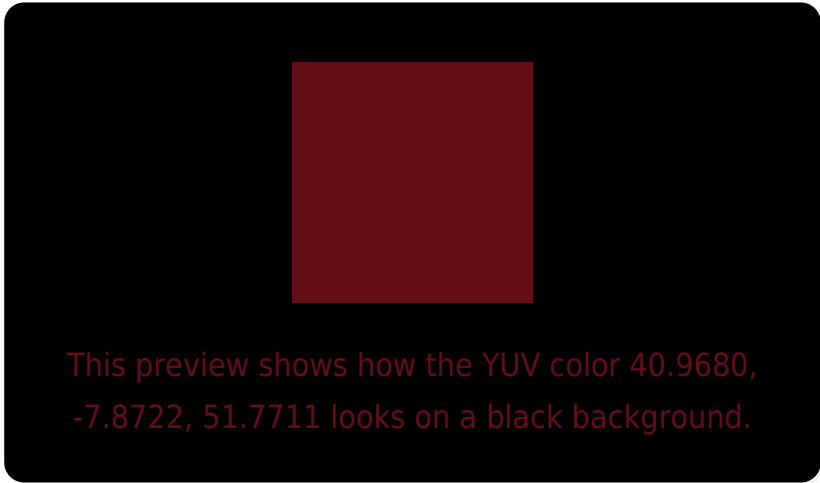
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.9680, -7.8722, 51.7711

Background



This preview shows how black text looks on a background with the YUV color 40.9680, -7.8722, 51.7711.

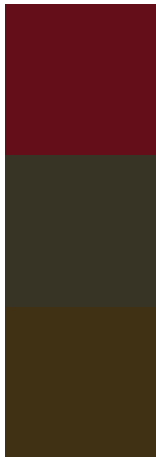


This preview shows how white text looks on a background with the YUV color 40.9680, -7.8722,

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

40.9680, -7.8722, 51.7711

Protanopia

51.4860, -7.1416, 3.9588

Deuteranopia

50.1790, -14.8782, 12.1210



Tritanopia

41.0020, -12.8190, 51.7412

Trichromacy



Original Color

40.9680, -7.8722, 51.7711

Protanomaly

47.5960, -7.1958, 21.4023

Deuteranomaly

46.6630, -12.1589, 26.6055

Tritanomaly

40.8710, -10.7824, 51.8561

Monochromacy



Original Color

40.9680, -7.8722, 51.7711

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.7250, -2.8224, 18.6582

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.9680, -7.8722, 51.7711 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(100, 14, 25)` looks like.

```
.text, #text, p{  
  color:rgb(100, 14, 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(100, 14, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 14, 25) }
```

Border

The CSS property to change the border of an element to YUV 40.9680, -7.8722, 51.7711 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(100, 14, 25) }
```


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

```
.border{ border-color:rgb(100, 14, 25) }
```

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

Here you see how a box with a 4 pixel rgb(100, 14, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 14, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 14, 25);  
box-shadow:4px 4px 4px 4px rgb(100, 14,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 40.9680, -7.8722, 51.7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 14, 25) }
```

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

```
.background{ background-color: rgb(100, 14,  
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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