

Converting Colors

YUV(40.4660, -13.0477,
78.5213)

Have a look what the booklet for
YUV(40.4660, -13.0477, 78.5213)
contains.

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Color

**YUV(40.4660, -13.0477,
78.5213)**

Conversions

Conversions Part 1

Format	Color
Hex	82000E
RGB	130, 0, 14
RGB Percent	51%, 0%, 5%
CMY	0.4902, 1.0000, 0.9451
CMYK	0.00, 1.00, 0.89, 0.49
HSL	354°, 100%, 25%
HSV	354°, 100%, 51%
XYZ	9.2852, 4.7775, 0.8482
YIQ	40.4660, 72.9860, 31.9140

Conversions

Conversions Part 2

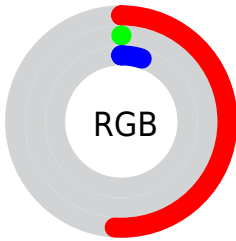
Format	Color
RYB	130, 0, 14
Decimal	8519694
CIELab	26.09, 48.85, 32.85
CIELCh	26, 58.870, 33.921
Yxy	4.7775, 0.6227, 0.3204
Android (android.graphics.Color)	4286709774 (0xFF82000E)
YUV	40.4660, -13.0477, 78.5213
Hunter-Lab	21.8576, 37.5768, 12.9994

Details

The YUV color **40.4660, -13.0477, 78.5213** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **89.5340, 13.0477, -78.5213**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.6370, -22.4990, 76.6174**, and **21.2290, -10.4659, 43.6492** is the 20% darker color. If you saturate the color by 10%, you get **40.4660, -13.0477, 78.5213**, and if you desaturate by 10%, it is **49.4650, -11.5682, 70.6292**.

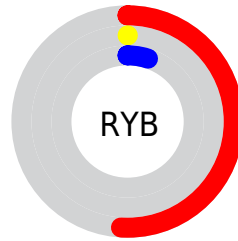
Distribution



Red (51%)

Green (0%)

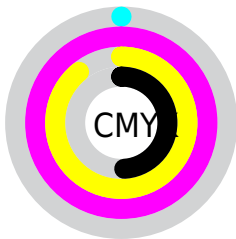
Blue (5%)



Red (51%)

Yellow (0%)

Blue (5%)

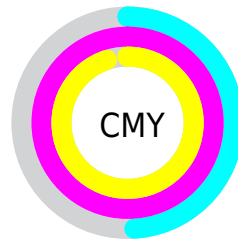


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (49%)



Cyan (49%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 40.4660, -13.0477, 78.5213 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 40.4660, -13.0477, 78.5213 by changing the saturation by 10% instead.


 40.4660, -13.0477,
78.5213


 40.4660, -13.0477,
78.5213


 253.1760, -6.9888,
1.5996


 30.1990, -14.8881,
62.0925

 102.6370,
-22.4990, 76.6174

 21.2290, -10.4659,
43.6492


 130.3770,
-24.8359, 79.4764

 13.2700, -6.0491,
26.9502

 158.3450,
-26.2991, 82.1354


 0.0000, 0.0000,
0.0000


 177.9410,
-23.6349, 67.5807


 197.3410,
-20.3811, 50.5669


 216.8550,


-16.6905, 33.4532


 237.0700,
-12.8525, 15.7246


 40.4660, -13.0477,
78.5213

 49.4650, -11.5682,
70.6292

 58.3500, -10.5255,
62.8371

 67.3490, -9.0461,
54.9449

 76.2340, -8.0034,
47.1528

 85.2330, -6.5239,
39.2607

■ 94.2320, -5.0444,
31.3685

■ 103.1170, -4.0017,
23.5764

■ 112.1160, -2.5222,
15.6843

■ 121.0010, -1.4795,
7.8921

Harmonies

Analogous

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



47.2760, 5.2869, 77.8109



40.4660, -13.0477, 78.5213



57.2340, -28.2164, 43.6448

Triad

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



40.4660, -13.0477, 78.5213



47.1370, -14.8575, -41.3391



56.7710, 47.4409, -49.7882

Complementary

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



40.4660, -13.0477, 78.5213



89.5340, 13.0477, -78.5213

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.



60.9140, 40.4684, -53.4216



40.4660, -13.0477, 78.5213



54.0110, 6.4036, -47.3676

Square

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



40.4660, -13.0477, 78.5213



48.5430, -23.9317, -24.1552



59.0270, 25.6227, -51.7667



61.1580, 37.3901, 0.7384

Rectangle

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



40.4660, -13.0477, 78.5213



58.5750, -28.8775, 22.2977



59.0270, 25.6227, -51.7667



59.1190, 46.2833, -51.8474

Sweetspot

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



40.4660, -13.0477, 78.5213



133.5200, -5.1864, 30.2390



49.2050, 39.8319, 57.7022



63.3120, -3.1118, 18.1434



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



40.4660, -13.0477, 78.5213



52.2840, -16.9020, 101.4829



68.2200, -33.6325, 54.1811



59.2070, -0.5951, 4.2035



39.8680, -12.7529, 77.2918



0.0000, 0.0000, 0.0000

Inverse Universe

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



40.4660, -13.0477, 78.5213



52.2840, -16.9020, 101.4829



61.7800, 33.6325, -54.1811



59.2070, -0.5951, 4.2035



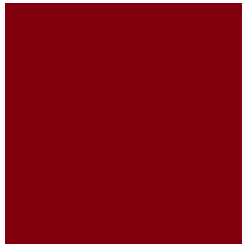
39.8680, -12.7529, 77.2918



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 40.4660, -13.0477, 78.5213 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

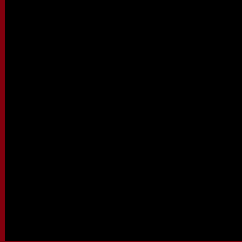
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.4660, -13.0477, 78.5213

Background



This preview shows how black text looks on a background with the YUV color 40.4660, -13.0477, 78.5213.



This preview shows how white text looks on a background with the YUV color 40.4660, -13.0477,

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

40.4660, -13.0477, 78.5213

Protanopia

63.4190, -18.9406, 8.4025

Deuteranopia

61.2110, -30.1770, 19.1090



Tritanopia

45.6150, -22.4882, 73.1286

Trichromacy



Original Color

40.4660, -13.0477, 78.5213

Protanomaly

55.1540, -16.8379, 34.0679

Deuteranomaly

53.3630, -23.8430, 40.9006

Tritanomaly

43.8370, -19.1466, 74.6880

Monochromacy



Original Color

40.4660, -13.0477, 78.5213

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.0360, -4.4547, 28.9094

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.4660, -13.0477, 78.5213 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(130, 0, 14)` looks like.

```
.text, #text, p{  
    color:rgb(130, 0, 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(130, 0, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 0, 14) }
```

Border

The CSS property to change the border of an element to YUV 40.4660, -13.0477, 78.5213 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(130, 0, 14) }
```


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

```
.border{ border-color:rgb(130, 0, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 0, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 0, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 0, 14);  
box-shadow:4px 4px 4px 4px rgb(130, 0, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.4660, -13.0477, 78.5213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 0, 14) }
```

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

```
.background{ background-color: rgb(130, 0,  
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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