

Converting Colors

YUV(89.1100, -40.4802,
10.4275)

Have a look what the booklet for
YUV(89.1100, -40.4802, 10.4275)
contains.

YUV(89.1100, -40.4802, 10.4275)	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(89.1100, -40.4802,
10.4275)**

Conversions

Conversions Part 1

Format	Color
Hex	656307
RGB	101, 99, 7
RGB Percent	40%, 39%, 3%
CMY	0.6039, 0.6118, 0.9725
CMYK	0.00, 0.02, 0.93, 0.60
HSL	59°, 87%, 21%
HSV	59°, 93%, 40%
XYZ	9.8670, 11.7057, 1.9404
YIQ	89.1100, 30.7240, -28.1880

Conversions

Conversions Part 2

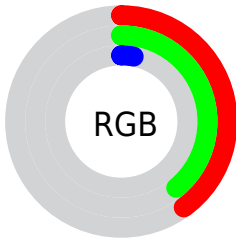
Format	Color
RYB	9, 101, 7
Decimal	6644487
CIELab	40.74, -9.60, 45.59
CIELCh	41, 46.594, 101.886
Yxy	11.7057, 0.4196, 0.4978
Android (android.graphics.Color)	4284834567 (0xFF656307)
YUV	89.1100, -40.4802, 10.4275
Hunter-Lab	34.2136, -8.3954, 20.5870

Details

The YUV color **89.1100, -40.4802, 10.4275** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **18.8900, 40.4802, -10.4275**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8760, -38.8859, 12.3867**, and **46.0610, -22.7081, 3.4545** is the 20% darker color. If you saturate the color by 10%, you get **88.3120, -43.5378, 11.1274**, and if you desaturate by 10%, it is **90.2500, -36.1123, 9.4277**.

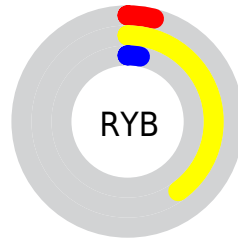
Distribution



Red (40%)

Green (39%)

Blue (3%)



Red (4%)

Yellow (40%)

Blue (3%)

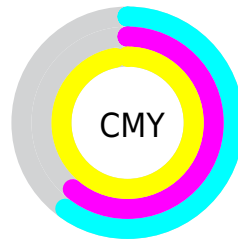


Cyan (0%)

Magenta (2%)

Yellow (93%)

Black (60%)



Cyan (60%)

Magenta (61%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.1100, -40.4802, 10.4275 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 89.1100, -40.4802, 10.4275 by changing the saturation by 10% instead.

89.1100, -40.4802,
10.4275

89.1100, -40.4802,
10.4275

254.6580, -1.3104,
0.2999

66.4500, -32.7599,
7.4983

140.8760,
-38.8859, 12.3867

46.0610, -22.7081,
3.4545

168.0610,
-39.4701, 13.1015

26.5580, -13.0931,
-0.4894

195.1320,
-40.4911, 13.9162

2.9350, -1.4470,
-2.5740

223.9040,
-41.3647, 14.1162

0.0000, 0.0000,
0.0000

244.9680,
-38.4382, 8.7981

248.1600,

-26.2079, 5.9987

■ 251.3520,
-13.9775, 3.1993

■ 89.1100, -40.4802,
10.4275

■ 89.1100, -40.4802,
10.4275

■ 88.3120, -43.5378,
11.1274

■ 90.2500, -36.1123,
9.4277

■ 91.3900, -31.7443,
8.4280

■ 93.1170, -27.6657,
6.9134

■ 94.2570, -23.2977,
5.9136

■ 95.5110, -18.4929,
4.8139

■ 96.6510, -14.1249,
3.8141

■ 98.3780, -10.0464,
2.2995

■ 99.5180, -5.6784,
1.2997

■ 100.6580, -1.3104,
0.2999

Harmonies

Analogous

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



92.4860, -37.2146, 36.4078



89.1100, -40.4802, 10.4275



84.7280, -24.5159, -23.4405

Triad

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



89.1100, -40.4802, 10.4275



82.3880, 31.3607, -72.2543



96.5220, 12.0677, 49.5312

Complementary

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



89.1100, -40.4802, 10.4275



18.8900, 40.4802, -10.4275

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.



98.7980, 26.7216, 15.9632



89.1100, -40.4802, 10.4275



82.0750, 42.8540, -71.9798

Square

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



89.1100, -40.4802, 10.4275



79.5720, 15.4940, -69.7846



88.1160, 40.8618, -39.5667



93.3160, -5.5788, 62.8669

Rectangle

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



89.1100, -40.4802, 10.4275



71.7690, -6.7881, -62.9414



88.1160, 40.8618, -39.5667



98.1340, 17.1889, 40.2245

Sweetspot

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



89.1100, -40.4802, 10.4275



125.3090, -15.4353, 4.1140



35.4480, -12.5459, 57.4891



63.4920, -9.6096, 2.1995



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.



89.1100, -40.4802, 10.4275



113.4190, -55.9156, 14.5415



77.1280, -34.5731, -17.6523



50.4300, -2.1840, 0.4999



100.1290, -49.3636, 13.0419



211.4770, -104.2582, 26.7687

Inverse Universe

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



18.8900, 40.4802, -10.4275



16.5810, 55.9156, -14.5415



30.8720, 34.5731, 17.6523



46.5700, 2.1840, -0.4999



14.2840, 49.6530, -12.5271



30.5230, 104.2582, -26.7687

Previews

White Background



This preview shows how the YUV color 89.1100, -40.4802, 10.4275 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



This preview shows how the YUV color 89.1100, -40.4802, 10.4275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

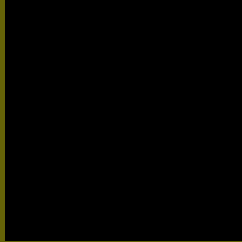
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.1100, -40.4802, 10.4275

Background



This preview shows how black text looks on a background with the YUV color 89.1100, -40.4802, 10.4275.

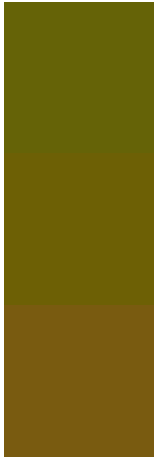


This preview shows how white text looks on a background with the YUV color 89.1100, -40.4802,

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

89.1100, -40.4802, 10.4275

Protanopia

89.5130, -41.6649, 17.0901

Deuteranopia

91.4200, -37.1821, 25.9417



Tritanopia

97.2830, 0.8465, 8.5218

Trichromacy



Original Color

89.1100, -40.4802, 10.4275

Protanomaly

89.3170, -41.0753, 14.6310

Deuteranomaly

90.7460, -38.3288, 20.3938

Tritanomaly

94.6840, -14.1412, 9.0471

Monochromacy



Original Color

89.1100, -40.4802, 10.4275

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1240, -14.8511, 3.3993

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1100, -40.4802, 10.4275 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(101, 99, 7)` looks like.

```
.text, #text, p{  
    color:rgb(101, 99, 7)  
}
```

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(101, 99, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 99, 7) }
```

Border

The CSS property to change the border of an element to YUV 89.1100, -40.4802, 10.4275 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(101, 99, 7) }
```


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

```
.border{ border-color:rgb(101, 99, 7) }
```

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

Here you see how a box with a 4 pixel rgb(101, 99, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 99, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 99, 7);  
box-shadow:4px 4px 4px 4px rgb(101, 99, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.1100, -40.4802, 10.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 99, 7) }
```

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

```
.background{ background-color: rgb(101, 99,  
7) }
```

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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