

Converting Colors

YUV(79.5400, -39.2132,
24.0824)

Have a look what the booklet for
YUV(79.5400, -39.2132, 24.0824)
contains.

YUV(79.5400, -39.2132, 24.0824)	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(79.5400, -39.2132,
24.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5100
RGB	107, 81, 0
RGB Percent	42%, 32%, 0%
CMY	0.5804, 0.6824, 1.0000
CMYK	0.00, 0.24, 1.00, 0.58
HSL	45°, 100%, 21%
HSV	45°, 100%, 42%
XYZ	9.0058, 9.0107, 1.2646
YIQ	79.5400, 41.4970, -19.6790

Conversions

Conversions Part 2

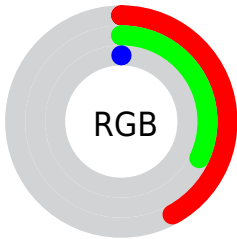
Format	Color
R_{YB}	34, 107, 0
Decimal	7033088
CIE Lab	36.00, 3.79, 44.37
CIE LCh	36, 44.532, 85.121
Yxy	9.0107, 0.4671, 0.4673
Android (android.graphics.Color)	4285223168 (0xFF6B5100)
YUV	79.5400, -39.2132, 24.0824
Hunter-Lab	30.0178, 1.0219, 18.5147

Details

The YUV color **79.5400, -39.2132, 24.0824** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **27.4600, 39.2132, -24.0824**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9040, -37.9137, 27.2712**, and **38.1640, -18.8149, 14.7652** is the 20% darker color. If you saturate the color by 10%, you get **79.5400, -39.2132, 24.0824**, and if you desaturate by 10%, it is **82.5550, -35.2766, 21.4383**.

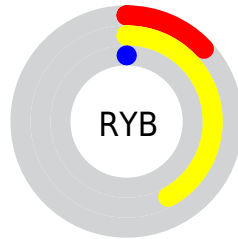
Distribution



Red (42%)

Green (32%)

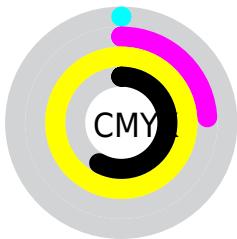
Blue (0%)



Red (13%)

Yellow (42%)

Blue (0%)

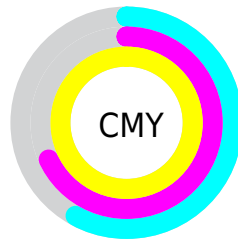


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.5400, -39.2132, 24.0824 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 79.5400, -39.2132, 24.0824 by changing the saturation by 10% instead.

79.5400, -39.2132,
24.0824

79.5400, -39.2132,
24.0824

253.4040, -6.1152,
1.3997

58.2650, -28.7246,
19.9386

130.9040,
-37.9137, 27.2712

38.1640, -18.8149,
14.7652

157.6870,
-38.7927, 29.2155

18.9490, -9.3419,
9.6917

185.1710,
-39.5243, 30.5450


0.0000, 0.0000,
0.0000


212.6550,
-40.2559, 31.8746


233.8490,
-37.8866, 18.5494


247.0200,


-30.5759, 6.9985


 250.2120,
-18.3455, 4.1991


 79.5400, -39.2132,
24.0824

 82.5550, -35.2766,
21.4383

 84.8690, -31.4874,
19.4089

 87.8840, -27.5508,
16.7647

 90.3120, -23.3248,
14.6354

 93.3270, -19.3882,
11.9912

■ 96.2280, -15.8884,
9.4470

■ 98.6560, -11.6624,
7.3177

■ 101.6710, -7.7258,
4.6735

■ 103.9850, -3.9366,
2.6442

Harmonies

Analogous

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



81.3590, -27.7850, 45.2892



79.5400, -39.2132, 24.0824



76.7430, -33.8903, -3.2826

Triad

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



79.5400, -39.2132, 24.0824



72.2830, 20.5665, -63.3922



86.6490, 19.4000, 31.0028

Complementary

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



79.5400, -39.2132, 24.0824



27.4600, 39.2132, -24.0824

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.



84.7130, 32.1865, -10.2723



79.5400, -39.2132, 24.0824



73.8280, 34.1018, -64.7472

Square

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



79.5400, -39.2132, 24.0824



68.0650, 4.4050, -59.6930



71.2010, 41.8059, -62.4433



82.6060, 4.6312, 54.7195

Rectangle

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



79.5400, -39.2132, 24.0824



72.6290, -21.0161, -25.9846



71.2010, 41.8059, -62.4433



87.3100, 23.5112, 19.0221

Sweetspot

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



79.5400, -39.2132, 24.0824



129.3420, -15.4516, 9.3471



35.0710, -3.9790, 63.0817



64.6280, -9.1836, 5.5882



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



79.5400, -39.2132, 24.0824



104.0820, -51.3124, 31.5001



86.7290, -42.7574, -5.9013



52.1420, -2.0420, 1.6295



87.2260, -43.0024, 26.1118



181.8500, -89.6521, 55.3826

Inverse Universe

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



27.4600, 39.2132, -24.0824



35.9180, 51.3124, -31.5001



20.2710, 42.7574, 5.9013



49.2710, 2.3314, -1.1147



30.3610, 42.7130, -26.6266



62.5630, 89.9414, -54.8678

Previews

White Background



This preview shows how the YUV color 79.5400, -39.2132, 24.0824 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



This preview shows how the YUV color 79.5400, -39.2132, 24.0824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

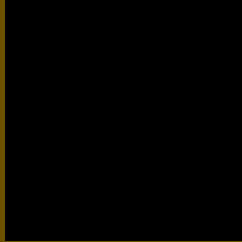
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.5400, -39.2132, 24.0824

Background



This preview shows how black text looks on a background with the YUV color 79.5400, -39.2132, 24.0824.



This preview shows how white text looks on a background with the YUV color 79.5400, -39.2132,

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

79.5400, -39.2132, 24.0824

Protanopia

79.2830, -36.1285, 14.6608

Deuteranopia

80.1810, -38.0502, 24.3973



Tritanopia

86.4480, -2.6859, 21.5321

Trichromacy



Original Color

79.5400, -39.2132, 24.0824

Protanomaly

79.6640, -37.3024, 17.8347

Deuteranomaly

80.0670, -38.4870, 24.4972

Tritanomaly

84.0170, -15.7844, 22.7871

Monochromacy



Original Color

79.5400, -39.2132, 24.0824

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.6840, -14.1412, 9.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.5400, -39.2132, 24.0824 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(107, 81, 0)` looks like.

```
.text, #text, p{  
    color:rgb(107, 81, 0)  
}
```

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(107, 81, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 81, 0) }
```

Border

The CSS property to change the border of an element to YUV 79.5400, -39.2132, 24.0824 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(107, 81, 0) }
```


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

```
.border{ border-color:rgb(107, 81, 0) }
```

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

Here you see how a box with a 4 pixel rgb(107, 81, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 81, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 81, 0);  
box-shadow:4px 4px 4px 4px rgb(107, 81, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.5400, -39.2132, 24.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 81, 0) }
```

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

```
.background{ background-color: rgb(107, 81,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor