

Converting Colors

YUV(154.1180, -39.4982,
-24.6595)

Have a look what the booklet for
YUV(154.1180, -39.4982, -24.6595)
contains.

YUV(154.1180, -39.4982, -24.6595)	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(154.1180, -39.4982,
-24.6595)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB84A
RGB	126, 184, 74
RGB Percent	49%, 72%, 29%
CMY	0.5059, 0.2784, 0.7098
CMYK	0.32, 0.00, 0.60, 0.28
HSL	92°, 44%, 51%
HSV	92°, 60%, 72%
XYZ	26.9807, 39.2110, 12.6250
YIQ	154.1180, 0.7420, -46.5060

Conversions

Conversions Part 2

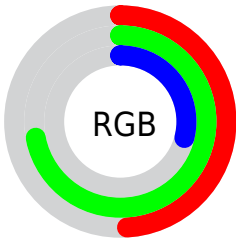
Format	Color
RYB	74, 184, 132
Decimal	8304714
CIELab	68.90, -37.36, 48.86
CIElCh	69, 61.506, 127.402
Yxy	39.2110, 0.3423, 0.4975
Android (android.graphics.Color)	4286494794 (0xFF7EB84A)
YUV	154.1180, -39.4982, -24.6595
Hunter-Lab	62.6187, -32.6719, 31.8792

Details

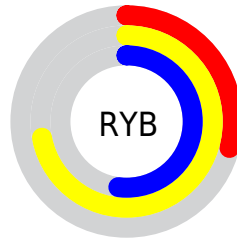
The YUV color **154.1180, -39.4982, -24.6595** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **103.8820, 39.4982, 24.6595**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6620, -41.2454, -24.2596**, and **100.0040, -39.9350, -24.5595** is the 20% darker color. If you saturate the color by 10%, you get **149.0760, -45.8865, -29.0077**, and if you desaturate by 10%, it is **159.1600, -33.1099, -20.3113**.

Distribution



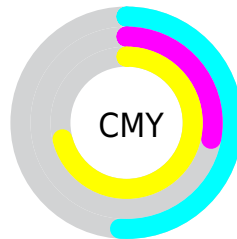
- Red (49%)
- Green (72%)
- Blue (29%)



- Red (29%)
- Yellow (72%)
- Blue (52%)



- Cyan (32%)
- Magenta (0%)
- Yellow (60%)
- Black (28%)



- Cyan (51%)
- Magenta (28%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.1180, -39.4982, -24.6595 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 154.1180, -39.4982, -24.6595 by changing the saturation by 10% instead.

■ 154.1180,
-39.4982, -24.6595

■ 154.1180,
-39.4982, -24.6595

■ 255.0000, 0.0000,
0.0000

■ 127.2320,
-39.0614, -24.7595

■ 209.6620,
-41.2454, -24.2596

■ 100.0040,
-39.9350, -24.5595

■ 229.9170,
-37.9201, -17.4672

■ 74.7910, -36.8720,
-27.0037

■ 241.7800,
-29.9645, -2.4381

■ 51.1460, -25.2150,
-32.5770

■ 249.7560,
-20.0927, 4.5990

■ 33.4590, -16.4953,
-29.3435

■ 253.0620, -7.4256,
1.6996

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,

0.0000

■ 154.1180,
-39.4982, -24.6595

■ 154.1180,
-39.4982, -24.6595

■ 149.0760,
-45.8865, -29.0077

■ 159.1600,
-33.1099, -20.3113

■ 144.2190,
-52.8590, -32.6411

■ 164.0170,
-26.1374, -16.6779

■ 139.1770,
-59.2473, -36.9892

■ 169.0590,
-19.7491, -12.3297

■ 134.0210,
-66.0724, -41.2374

■ 174.2150,
-12.9240, -8.0816

■ 179.2570, -6.5357,
-3.7334

■ 184.0000, 0.0000,
0.0000

■ 189.1560, 6.8251,
4.2482

■ 194.1980, 13.2134,
8.5964

■ 199.0550, 20.1859,
12.2298

Harmonies

Analogous

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



160.5770, -55.5005, 21.4190



154.1180, -39.4982, -24.6595



126.7260, -1.8369, -111.1387

Triad

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



154.1180, -39.4982, -24.6595



137.6650, 57.8462, -120.7322



162.8220, -2.8702, 80.8401

Complementary

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



154.1180, -39.4982, -24.6595



103.8820, 39.4982, 24.6595

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.



171.0970, 20.1652, 65.6899



154.1180, -39.4982, -24.6595



152.7800, 50.3945, -63.8281

Square

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



154.1180, -39.4982, -24.6595



139.9670, 46.3583, -122.7511



172.4570, 40.6937, 14.5082



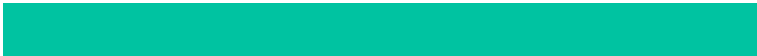
163.1230, -29.6406, 80.5761

Rectangle

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



154.1180, -39.4982, -24.6595



132.8190, 13.8932, -116.4823



172.4570, 40.6937, 14.5082



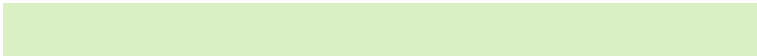
164.8740, 4.9921, 79.0405

Sweetspot

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



154.1180, -39.4982, -24.6595



228.2210, -15.3920, -9.8408



140.3490, -32.7101, 38.2819



112.7360, -9.7298, -5.9075



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



154.1180, -39.4982, -24.6595



193.0690, -62.1520, -38.6485



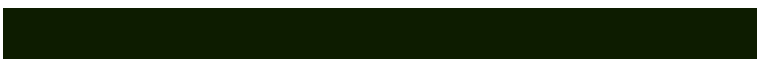
138.7980, -30.9594, -56.8278



89.4790, -3.1941, -2.1741



113.6980, -56.0531, -34.8151



20.3230, -10.0192, -6.4223

Inverse Universe

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



103.8820, 39.4982, 24.6595



113.9310, 62.1520, 38.6485



119.2020, 30.9594, 56.8278



85.2220, 3.3416, 1.5593



42.3020, 56.0531, 34.8151



7.6770, 10.0192, 6.4223

Previews

White Background



This preview shows how the YUV color 154.1180, -39.4982, -24.6595 looks on a white 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

Black Background



This preview shows how the YUV color 154.1180, -39.4982, -24.6595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

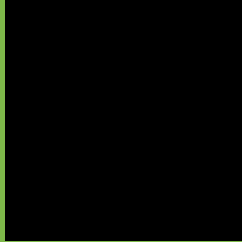
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.1180, -39.4982, -24.6595 Background



This preview shows how black text looks on a background with the YUV color 154.1180, -39.4982, -24.6595.



This preview shows how white text looks on a background with the YUV color 154.1180, -39.4982, -24.6595.

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

154.1180, -39.4982, -24.6595

Protanopia

162.0960, -45.8963, 20.9638

Deuteranopia

164.1610, -40.9984, 36.6928



Tritanopia

165.2130, 10.2480, -20.3578

Trichromacy



Original Color

154.1180, -39.4982, -24.6595

Protanomaly

159.2680, -43.5161, 4.1500

Deuteranomaly

160.4310, -40.6385, 14.5310

Tritanomaly

161.0930, -7.9338, -22.0066

Monochromacy



Original Color

154.1180, -39.4982, -24.6595

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1610, -14.3764, -8.9112

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.1180, -39.4982, -24.6595 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(126, 184, 74)` looks like.

```
.text, #text, p{  
    color:rgb(126, 184, 74)  
}
```

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(126, 184, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 184, 74) }
```

Border

The CSS property to change the border of an element to YUV 154.1180, -39.4982, -24.6595 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(126, 184, 74) }
```


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

```
.border{ border-color:rgb(126, 184, 74) }
```

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

Here you see how a box with a 4 pixel rgb(126, 184, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 184, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 184, 74);  
box-shadow:4px 4px 4px 4px rgb(126, 184,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 154.1180, -39.4982, -24.6595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 184, 74) }
```

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

```
.background{ background-color: rgb(126,  
184, 74) }
```

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