

Converting Colors

YUV(122.0800, -4.9694,
-39.5352)

Have a look what the booklet for
YUV(122.0800, -4.9694, -39.5352)
contains.

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Color

**YUV(122.0800, -4.9694,
-39.5352)**

Conversions

Conversions Part 1

Format	Color
Hex	4D9370
RGB	77, 147, 112
RGB Percent	30%, 58%, 44%
CMY	0.6980, 0.4235, 0.5608
CMYK	0.48, 0.00, 0.24, 0.42
HSL	150°, 31%, 44%
HSV	150°, 48%, 58%
XYZ	16.4189, 23.6151, 19.0220
YIQ	122.0800, -30.4850, -25.7250

Conversions

Conversions Part 2

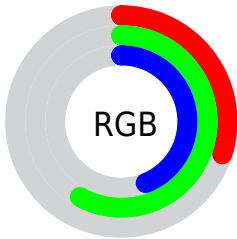
Format	Color
RYB	77, 124, 147
Decimal	5084016
CIELab	55.70, -30.59, 11.82
CIElCh	56, 32.790, 158.878
Yxy	23.6151, 0.2780, 0.3999
Android (android.graphics.Color)	4283274096 (0xFF4D9370)
YUV	122.0800, -4.9694, -39.5352
Hunter-Lab	48.5953, -24.7320, 10.8084

Details

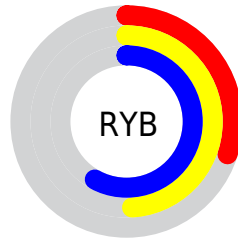
The YUV color **122.0800, -4.9694, -39.5352** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **101.9200, 4.9694, 39.5352**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5530, -5.6956, -39.9500**, and **69.9270, -2.9220, -42.9090** is the 20% darker color. If you saturate the color by 10%, you get **116.7970, -5.8159, -48.0570**, and if you desaturate by 10%, it is **127.3630, -4.1230, -31.0134**.

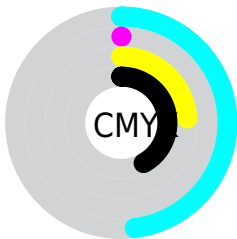
Distribution



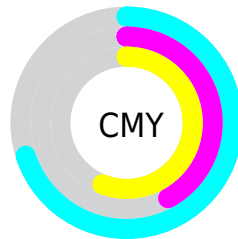
- Red (30%)
- Green (58%)
- Blue (44%)



- Red (30%)
- Yellow (49%)
- Blue (58%)



- Cyan (48%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)



- Cyan (70%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.0800, -4.9694, -39.5352 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 122.0800, -4.9694, -39.5352 by changing the saturation by 10% instead.

■ 122.0800, -4.9694,
-39.5352

■ 122.0800, -4.9694,
-39.5352

■ 255.0000, 0.0000,
0.0000

■ 96.3080, -4.0958,
-39.7351

■ 175.5530, -5.6956,
-39.9500

■ 69.9270, -2.9220,
-42.9090

■ 203.7270, -6.2744,
-40.9796

■ 47.0520, -2.4906,
-41.2646

■ 229.9660, -5.4062,
-39.4352

■ 30.5700, -4.7180,
-26.8099

■ 241.5300, 2.6967,
-25.0208

■ 16.4360, -8.1029,
-14.4144

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 122.0800, -4.9694,
-39.5352

■ 122.0800, -4.9694,
-39.5352

■ 116.7970, -5.8159,
-48.0570

■ 127.3630, -4.1230,
-31.0134

■ 111.6990, -7.2466,
-55.8640

■ 132.4610, -2.6923,
-23.2063

■ 106.4160, -8.0931,
-64.3858

■ 137.7440, -1.8458,
-14.6845

■ 101.1330, -8.9396,
-72.9076

■ 143.0270, -0.9993,
-6.1627

■ 96.0350, -10.3703,
-80.7147

■ 148.4240, 0.2840,
2.2592

■ 94.7250, -10.2174,
-83.0738

■ 153.4080, 1.2779,
10.1662

■ 158.6910, 2.1243,
18.6880

■ 164.0880, 3.4076,

27.1098

■ 169.0720, 4.4015,
35.0169

Harmonies

Analogous

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



127.1730, -19.3123, -12.4297



122.0800, -4.9694, -39.5352



113.1050, 13.7522, -71.1291

Triad

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



122.0800, -4.9694, -39.5352



131.3110, 28.4407, -22.1977



134.6930, -17.5966, 44.1192

Complementary

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



122.0800, -4.9694, -39.5352



101.9200, 4.9694, 39.5352

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.



135.7330, -4.7984, 45.8382



122.0800, -4.9694, -39.5352



136.7450, 20.3387, 9.8706

Square

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



122.0800, -4.9694, -39.5352



120.4050, 32.3383, -59.1142



137.2120, 8.7695, 34.0171



133.1400, -25.7050, 31.4492

Rectangle

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



122.0800, -4.9694, -39.5352



105.1160, 27.0578, -92.1867



137.2120, 8.7695, 34.0171



134.7410, -13.6763, 46.7081

Sweetspot

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



122.0800, -4.9694, -39.5352



181.4450, -1.6984, -15.2993



128.5550, -25.4166, -14.5187



91.0050, -0.9885, -9.6514



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



122.0800, -4.9694, -39.5352



152.2530, -7.5197, -61.6119



126.0700, 10.3185, -43.0344



71.4510, -0.7153, -3.9035



88.8720, -9.7969, -77.9407



6.4400, -0.7099, -5.6479

Inverse Universe

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



101.9200, 4.9694, 39.5352



120.8610, 7.9565, 61.5119



97.9300, -10.3185, 43.0344



69.4350, 0.2785, 4.0035



49.1280, 9.7969, 77.9407



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 122.0800, -4.9694, -39.5352 looks on a white 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

Black Background



This preview shows how the YUV color 122.0800, -4.9694, -39.5352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

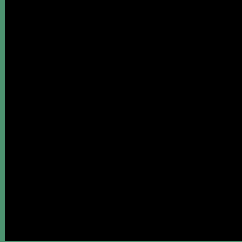
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.0800, -4.9694, -39.5352

Background



This preview shows how black text looks on a background with the YUV color 122.0800, -4.9694, -39.5352.



This preview shows how white text looks on a background with the YUV color 122.0800, -4.9694,

-39.5352.

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

122.0800, -4.9694, -39.5352

Protanopia

131.6130, -13.1202, 8.2324

Deuteranopia

133.8080, -8.7793, 15.9544



Tritanopia

127.1080, 12.7648, -34.2977

Trichromacy



Original Color

122.0800, -4.9694, -39.5352

Protanomaly

128.0130, -9.8664, -8.7814

Deuteranomaly

129.7300, -7.2619, -4.1482

Tritanomaly

125.3760, 6.2236, -36.2868

Monochromacy



Original Color

122.0800, -4.9694, -39.5352

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.0430, -1.9932, -14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0800, -4.9694, -39.5352 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(77, 147, 112)` looks like.

```
.text, #text, p{  
    color:rgb(77, 147, 112)  
}
```

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(77, 147, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 147, 112) }
```

Border

The CSS property to change the border of an element to YUV 122.0800, -4.9694, -39.5352 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(77, 147, 112) }
```


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

```
.border{ border-color:rgb(77, 147, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 147, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 147, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 147, 112);  
box-shadow:4px 4px 4px 4px rgb(77, 147,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 122.0800, -4.9694, -39.5352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 147, 112) }
```

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

```
.background{ background-color: rgb(77, 147,  
112) }
```

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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