

Converting Colors

YUV(122.7720, -37.8486,
6.3390)

Have a look what the booklet for
YUV(122.7720, -37.8486, 6.3390)
contains.

YUV(122.7720, -37.8486, 6.3390)	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(122.7720, -37.8486,
6.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	82862E
RGB	130, 134, 46
RGB Percent	51%, 53%, 18%
CMY	0.4902, 0.4745, 0.8196
CMYK	0.03, 0.00, 0.66, 0.47
HSL	63°, 49%, 35%
HSV	63°, 66%, 53%
XYZ	18.2242, 21.9933, 5.8694
YIQ	122.7720, 25.8640, -28.2160

Conversions

Conversions Part 2

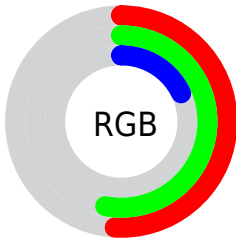
Format	Color
R_{YB}	46, 134, 50
Decimal	8554030
CIE Lab	54.02, -13.49, 45.17
CIE LCh	54, 47.144, 106.628
Yxy	21.9933, 0.3954, 0.4772
Android (android.graphics.Color)	4286744110 (0xFF82862E)
YUV	122.7720, -37.8486, 6.3390
Hunter-Lab	46.8970, -12.7047, 25.4075

Details

The YUV color **122.7720, -37.8486, 6.3390** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **57.2280, 37.8486, -6.3390**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1420, -39.0170, 7.7685**, and **73.2170, -36.0960, 4.1947** is the 20% darker color. If you saturate the color by 10%, you get **120.9910, -43.3796, 7.0239**, and if you desaturate by 10%, it is **124.5530, -32.3176, 5.6540**.

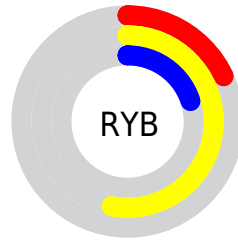
Distribution



Red (51%)

Green (53%)

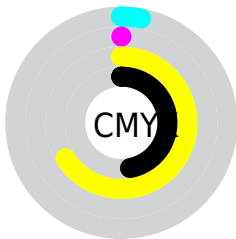
Blue (18%)



Red (18%)

Yellow (53%)

Blue (20%)

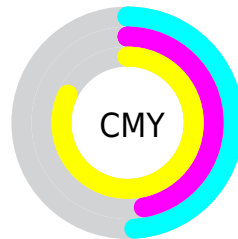


Cyan (3%)

Magenta (0%)

Yellow (66%)

Black (47%)



Cyan (49%)

Magenta (47%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.7720, -37.8486, 6.3390 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 122.7720, -37.8486, 6.3390 by changing the saturation by 10% instead.

■ 122.7720,
-37.8486, 6.3390

■ 122.7720,
-37.8486, 6.3390

■ 255.0000, 0.0000,
0.0000

■ 96.9460, -38.4274,
5.3094

■ 176.1420,
-39.0170, 7.7685

■ 73.2170, -36.0960,
4.1947

■ 204.2130,
-40.0380, 8.5832

■ 51.6540, -25.4654,
1.1804

■ 232.2840,
-41.0590, 9.3979

■ 31.8520, -15.7030,
-3.3782

■ 246.1080,
-34.0702, 7.7983

■ 12.3270, -6.0772,
-10.8108

■ 249.1860,
-22.2767, 5.0989

■ 0.0000, 0.0000,
0.0000

■ 252.4920, -9.6096,

2.1995

■ 122.7720,
-37.8486, 6.3390

■ 122.7720,
-37.8486, 6.3390

■ 120.9910,
-43.3796, 7.0239

■ 124.5530,
-32.3176, 5.6540

■ 119.3950,
-49.4947, 8.4236

■ 126.1490,
-26.2025, 4.2543

■ 117.6140,
-55.0257, 9.1085

■ 127.9300,
-20.6715, 3.5694

■ 116.9300,
-57.6465, 9.7084

■ 129.5260,
-14.5563, 2.1697

■ 131.3070, -9.0254,
1.4848

■ 133.0880, -3.4944,
0.7998

■ 134.6840, 2.6208,
-0.5999

■ 136.4650, 8.1518,
-1.2848

■ 138.0610, 14.2669,
-2.6845

Harmonies

Analogous

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



126.3180, -39.1038, 35.6781



122.7720, -37.8486, 6.3390



116.8520, -22.6050, -29.6882

Triad

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



122.7720, -37.8486, 6.3390



107.0200, 39.4301, -93.8565



131.6430, 8.5570, 55.5641

Complementary

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



122.7720, -37.8486, 6.3390



57.2280, 37.8486, -6.3390

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.



132.9130, 25.6789, 23.7553



122.7720, -37.8486, 6.3390



105.3050, 50.6286, -92.3525

Square

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



122.7720, -37.8486, 6.3390



104.6770, 22.8372, -91.8017



127.1610, 39.3606, -24.6972



128.7850, -10.2470, 66.8406

Rectangle

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



122.7720, -37.8486, 6.3390



107.2850, -6.0565, -64.2709



127.1610, 39.3606, -24.6972



132.1950, 14.6939, 47.1870

Sweetspot

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



122.7720, -37.8486, 6.3390



168.8250, -14.7037, 2.7845



74.0730, -13.8400, 52.5560



84.3070, -9.0254, 1.4848



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



122.7720, -37.8486, 6.3390



155.5880, -58.9569, 10.0083



109.9150, -31.5101, -20.0965



65.3160, -2.6208, 0.5999



113.3860, -55.8993, 9.3085



2.3590, -1.1630, -0.3148

Inverse Universe

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



57.2280, 37.8486, -6.3390



53.7110, 58.8095, -9.3935



70.0850, 31.5101, 20.0965



60.6840, 2.6208, -0.5999



16.6140, 55.8993, -9.3085



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 122.7720, -37.8486, 6.3390 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 122.7720, -37.8486, 6.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

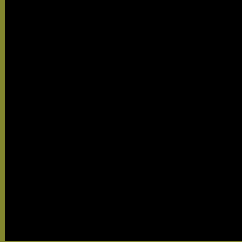
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.7720, -37.8486, 6.3390

Background



This preview shows how black text looks on a background with the YUV color 122.7720, -37.8486, 6.3390.



This preview shows how white text looks on a background with the YUV color 122.7720, -37.8486, 6.3390.

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

122.7720, -37.8486, 6.3390

Protanopia

123.9090, -38.9021, 17.6198

Deuteranopia

126.0400, -37.4877, 30.6599



Tritanopia

130.0270, 2.4517, 6.9923

Trichromacy



Original Color

122.7720, -37.8486, 6.3390

Protanomaly

123.5880, -38.7439, 13.5163

Deuteranomaly

124.9850, -37.4606, 21.9382

Tritanomaly

127.2430, -11.9518, 6.8029

Monochromacy



Original Color

122.7720, -37.8486, 6.3390

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0530, -13.8301, 2.5845

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7720, -37.8486, 6.3390 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, 134, 46)` looks like.

```
.text, #text, p{  
    color:rgb(130, 134, 46)  
}
```

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, 134, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 134, 46) }
```

Border

The CSS property to change the border of an element to YUV 122.7720, -37.8486, 6.3390 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, 134, 46) }
```


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

```
.border{ border-color:rgb(130, 134, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 134, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 134, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 134, 46);  
box-shadow:4px 4px 4px 4px rgb(130, 134,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 122.7720, -37.8486, 6.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 134, 46) }
```

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

```
.background{ background-color: rgb(130,  
134, 46) }
```

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