

Converting Colors

YUV(124.7750, -39.3291,
-32.2517)

Have a look what the booklet for
YUV(124.7750, -39.3291, -32.2517)
contains.

YUV(124.7750, -39.3291, -32.2517)	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(124.7750, -39.3291,
-32.2517)**

Conversions

Conversions Part 1

Format	Color
Hex	589F2D
RGB	88, 159, 45
RGB Percent	35%, 62%, 18%
CMY	0.6549, 0.3765, 0.8235
CMYK	0.45, 0.00, 0.72, 0.38
HSL	97°, 56%, 40%
HSV	97°, 72%, 62%
XYZ	16.8963, 27.0604, 6.8153
YIQ	124.7750, -5.7220, -50.5060

Conversions

Conversions Part 2

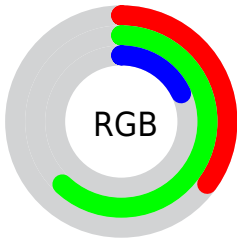
Format	Color
RYB	45, 159, 116
Decimal	5807917
CIELab	59.03, -42.27, 49.95
CIElCh	59, 65.436, 130.236
Yxy	27.0604, 0.3328, 0.5330
Android (android.graphics.Color)	4283997997 (0xFF589F2D)
YUV	124.7750, -39.3291, -32.2517
Hunter-Lab	52.0197, -33.0565, 28.6460

Details

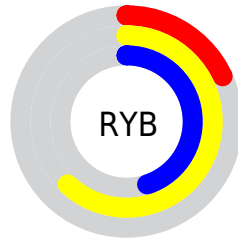
The YUV color **124.7750, -39.3291, -32.2517** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **79.2250, 39.3291, 32.2517**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5470, -40.2027, -32.0517**, and **71.4800, -35.2396, -37.2550** is the 20% darker color. If you saturate the color by 10%, you get **119.9610, -44.8438, -36.7998**, and if you desaturate by 10%, it is **129.5890, -33.8144, -27.7036**.

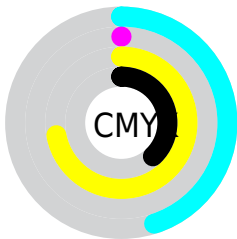
Distribution



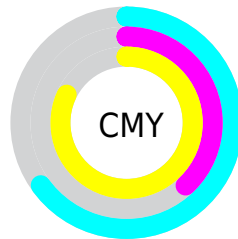
- Red (35%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (45%)



- Cyan (45%)
- Magenta (0%)
- Yellow (72%)
- Black (38%)



- Cyan (65%)
- Magenta (38%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.7750, -39.3291, -32.2517 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 124.7750, -39.3291, -32.2517 by changing the saturation by 10% instead.

■ 124.7750,
-39.3291, -32.2517

■ 124.7750,
-39.3291, -32.2517

■ 255.0000, 0.0000,
0.0000

■ 97.0200, -40.9289,
-32.4665

■ 179.5470,
-40.2027, -32.0517

■ 71.4800, -35.2396,
-37.2550

■ 207.9060,
-41.3657, -32.3666

■ 48.1340, -23.7301,
-42.2135

■ 226.6990,
-37.3196, -23.4150

■ 34.0460, -16.7847,
-29.8583

■ 238.5620,
-29.3641, -8.3859

■ 21.7190, -10.7075,
-19.0476

■ 249.5280,
-20.9663, 4.7989

■ 0.0000, 0.0000,
0.0000

■ 252.8340, -8.2992,

1.8996

■ 124.7750,
-39.3291, -32.2517

■ 124.7750,
-39.3291, -32.2517

■ 119.9610,
-44.8438, -36.7998

■ 129.5890,
-33.8144, -27.7036

■ 115.1470,
-50.3585, -41.3479

■ 134.4030,
-28.2997, -23.1554

■ 111.2730,
-54.8576, -44.9664

■ 139.2170,
-22.7850, -18.6073

■ 144.0310,
-17.2703, -14.0592

■ 148.8450,
-11.7556, -9.5111

■ 153.2460, -6.5303,
-5.4777

■ 158.0600, -1.0156,
-0.9296

■ 162.8740, 4.4991,
3.6185

■ 167.6880, 10.0138,
8.1666

Harmonies

Analogous

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



131.1500, -64.6570, 18.2854



124.7750, -39.3291, -32.2517



108.9560, -3.9223, -95.5544

Triad

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



124.7750, -39.3291, -32.2517



121.8330, 63.1863, -106.8475



136.2260, -5.5344, 95.3948

Complementary

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



124.7750, -39.3291, -32.2517



79.2250, 39.3291, 32.2517

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.



142.0270, 19.7067, 72.7673



124.7750, -39.3291, -32.2517



122.8890, 65.1307, -77.0787

Square

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



124.7750, -39.3291, -32.2517



122.5390, 45.5833, -107.4667



146.0170, 41.4036, 20.1561



136.6460, -32.8565, 85.3795

Rectangle

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



124.7750, -39.3291, -32.2517



114.6900, 12.9708, -100.5831



146.0170, 41.4036, 20.1561



137.4950, 3.2070, 91.6509

Sweetspot

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



124.7750, -39.3291, -32.2517



193.0850, -15.8179, -13.2295



120.1760, -37.0618, 34.0486



96.7250, -9.7244, -7.6518



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



124.7750, -39.3291, -32.2517



153.5190, -61.3879, -50.4442



113.4000, -27.3122, -59.9868



76.5930, -2.7573, -2.2741



100.0870, -49.3429, -40.4183



10.5990, -5.2253, -4.0333

Inverse Universe

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



79.2250, 39.3291, 32.2517



82.4810, 61.3879, 50.4442



90.6000, 27.3122, 59.9868



73.4070, 2.7573, 2.2741



42.9130, 49.3429, 40.4183



4.7000, 5.0779, 4.6481

Previews

White Background



This preview shows how the YUV color 124.7750, -39.3291, -32.2517 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 124.7750, -39.3291, -32.2517 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 124.7750, -39.3291, -32.2517 Background



This preview shows how black text looks on a background with the YUV color 124.7750, -39.3291, -32.2517.



This preview shows how white text looks on a background with the YUV color 124.7750, -39.3291, -32.2517.

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

124.7750, -39.3291, -32.2517

Protanopia

135.1560, -46.9119, 20.0342

Deuteranopia

137.4380, -41.1349, 33.8189



Tritanopia

136.8100, 11.4327, -27.0204

Trichromacy



Original Color

124.7750, -39.3291, -32.2517

Protanomaly

131.4310, -44.0895, 1.3760

Deuteranomaly

132.8110, -40.3328, 9.8128

Tritanomaly

132.2770, -7.0386, -29.1839

Monochromacy



Original Color

124.7750, -39.3291, -32.2517

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8510, -14.2235, -11.2703

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.7750, -39.3291, -32.2517 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(88, 159, 45)` looks like.

```
.text, #text, p{  
    color:rgb(88, 159, 45)  
}
```

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(88, 159, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 159, 45) }
```

Border

The CSS property to change the border of an element to YUV 124.7750, -39.3291, -32.2517 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(88, 159, 45) }
```


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

```
.border{ border-color:rgb(88, 159, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 159, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 159, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 159, 45);  
box-shadow:4px 4px 4px 4px rgb(88, 159,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 124.7750, -39.3291, -32.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 159, 45) }
```

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

```
.background{ background-color: rgb(88, 159,  
45) }
```

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