

Converting Colors

YUV(60.3790, -14.9768, -2.9634)

Have a look what the booklet for
YUV(60.3790, -14.9768, -2.9634)
contains.

YUV(60.3790, -14.9768, -2.9634)	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(60.3790, -14.9768,
-2.9634)**

Conversions

Conversions Part 1

Format	Color
Hex	39441E
RGB	57, 68, 30
RGB Percent	22%, 27%, 12%
CMY	0.7765, 0.7333, 0.8824
CMYK	0.16, 0.00, 0.56, 0.73
HSL	77°, 39%, 19%
HSV	77°, 56%, 27%
XYZ	3.9888, 5.0978, 2.0020
YIQ	60.3790, 5.6420, -14.1500

Conversions

Conversions Part 2

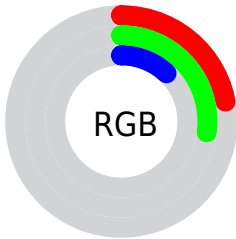
Format	Color
RYB	30, 68, 41
Decimal	3752990
CIELab	27.01, -11.64, 21.37
CIELCh	27, 24.335, 118.576
Yxy	5.0978, 0.3597, 0.4597
Android (android.graphics.Color)	4281943070 (0xFF39441E)
YUV	60.3790, -14.9768, -2.9634
Hunter-Lab	22.5784, -7.9775, 10.5476

Details

The YUV color **60.3790, -14.9768, -2.9634** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **37.6210, 14.9768, 2.9634**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.0370, -16.2872, -2.6634**, and **17.9530, -8.8508, -7.8518** is the 20% darker color. If you saturate the color by 10%, you get **58.9830, -17.7396, -3.4931**, and if you desaturate by 10%, it is **61.7750, -12.2141, -2.4337**.

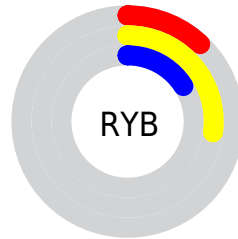
Distribution



Red (22%)

Green (27%)

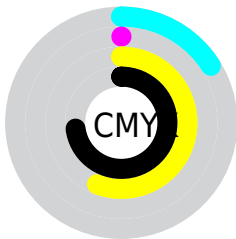
Blue (12%)



Red (12%)

Yellow (27%)

Blue (16%)

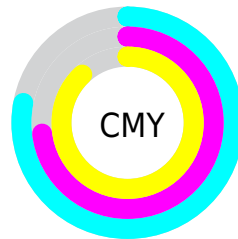


Cyan (16%)

Magenta (0%)

Yellow (56%)

Black (73%)



Cyan (78%)

Magenta (73%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.3790, -14.9768, -2.9634 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 60.3790, -14.9768, -2.9634 by changing the saturation by 10% instead.

■ 60.3790, -14.9768,
-2.9634

■ 60.3790, -14.9768,
-2.9634

255.0000, 0.0000,
0.0000

■ 38.2650, -15.4136,
-2.8634

■ 108.0370,
-16.2872, -2.6634

■ 17.9530, -8.8508,
-7.8518

■ 133.8090,
-17.1608, -2.4635

■ 0.0000, 0.0000,
0.0000

■ 159.6950,
-17.5976, -2.3635

■ 186.5810,
-18.0344, -2.2635

■ 214.4670,
-18.4712, -2.1636

■ 243.0540,

-18.7606, -2.6784

252.4920, -9.6096,
2.1995

60.3790, -14.9768,
-2.9634

60.3790, -14.9768,
-2.9634

58.9830, -17.7396,
-3.4931

61.7750, -12.2141,
-2.4337

57.5870, -20.5024,
-4.0228

63.1710, -9.4513,
-1.9040

56.3050, -22.8284,
-4.6525

64.4530, -7.1253,
-1.2743

54.9090, -25.5911,
-5.1822

65.8490, -4.3626,
-0.7446

54.2680, -26.7541,
-5.4970

67.2450, -1.5998,
-0.2149

■ 68.6410, 1.1630,
0.3148

■ 70.0370, 3.9258,
0.8446

■ 71.3190, 6.2517,
1.4742

■ 72.7150, 9.0145,
2.0039

Harmonies

Analogous

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



62.0820, -17.7884, 12.2061



60.3790, -14.9768, -2.9634



57.4460, -6.6289, -20.5621

Triad

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



60.3790, -14.9768, -2.9634



52.5070, 20.9490, -46.0486



64.5890, 0.2026, 28.4244

Complementary

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



60.3790, -14.9768, -2.9634



37.6210, 14.9768, 2.9634

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.



65.7000, 8.5289, 17.8031



60.3790, -14.9768, -2.9634



58.9270, 20.7420, -26.2460

Square

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



60.3790, -14.9768, -2.9634



52.0850, 14.2551, -45.6785



64.8270, 15.8613, -0.7253



64.0100, -8.3859, 29.8092

Rectangle

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



60.3790, -14.9768, -2.9634



52.2250, 1.8611, -37.0313



64.8270, 15.8613, -0.7253



65.3760, 3.2656, 25.9802

Sweetspot

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



60.3790, -14.9768, -2.9634



86.0940, -5.9623, -0.9594



47.8190, -8.7848, 17.6987



44.0770, -3.4890, -0.9445



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



60.3790, -14.9768, -2.9634



77.0770, -23.7020, -4.4525



54.6980, -12.1761, -14.6441



32.3590, -1.1630, -0.3148



77.5700, -38.2420, -7.5159



179.0290, -88.2613, -17.5654

Inverse Universe

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



37.6210, 14.9768, 2.9634



41.2220, 23.5546, 5.0673



43.3020, 12.1761, 14.6441



30.6410, 1.1630, 0.3148



19.4300, 38.2420, 7.5159



44.9710, 88.2613, 17.5654

Previews

White Background



This preview shows how the YUV color 60.3790, -14.9768, -2.9634 looks on a white background.

Color Contrast Check

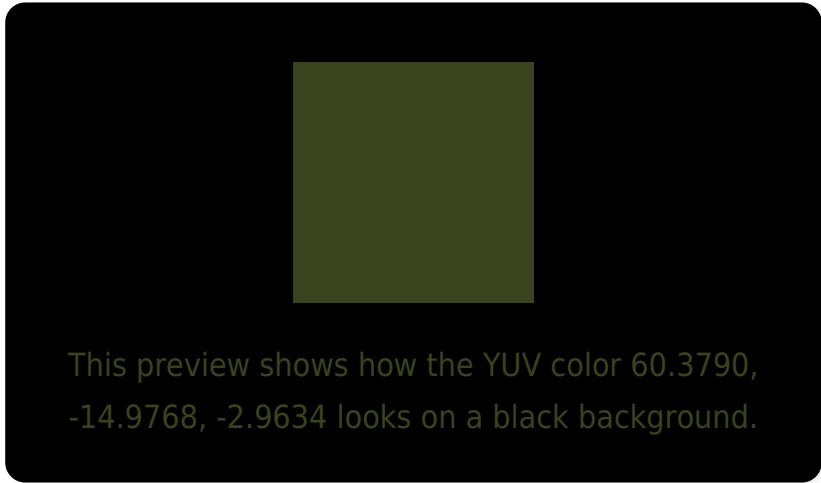
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

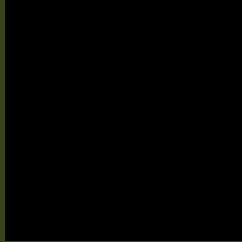
Any Text WCAG AA × Fail

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 60.3790, -14.9768, -2.9634 Background



This preview shows how black text looks on a background with the YUV color 60.3790, -14.9768, -2.9634.



This preview shows how white text looks on a background with the YUV color 60.3790, -14.9768,

-2.9634.

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

60.3790, -14.9768, -2.9634

Protanopia

62.1030, -16.3198, 7.8027

Deuteranopia

62.7770, -15.1731, 13.3506



Tritanopia

63.9720, 2.4788, -1.7294

Trichromacy



Original Color

60.3790, -14.9768, -2.9634

Protanomaly

61.1950, -15.8721, 4.2140

Deuteranomaly

62.0320, -15.2988, 6.9879

Tritanomaly

62.3650, -3.6309, -2.0741

Monochromacy



Original Color

60.3790, -14.9768, -2.9634

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.2080, -5.5255, -1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.3790, -14.9768, -2.9634 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(57, 68, 30)` looks like.

```
.text, #text, p{  
    color:rgb(57, 68, 30)  
}
```

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(57, 68, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 68, 30) }
```

Border

The CSS property to change the border of an element to YUV 60.3790, -14.9768, -2.9634 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(57, 68, 30) }
```


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

```
.border{ border-color:rgb(57, 68, 30) }
```

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

Here you see how a box with a 4 pixel rgb(57, 68, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 68, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 68, 30);  
box-shadow:4px 4px 4px 4px rgb(57, 68, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.3790, -14.9768, -2.9634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 68, 30) }
```

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

```
.background{ background-color: rgb(57, 68,  
30) }
```

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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