

Converting Colors

YUV(61.7810, -24.5420,
31.7641)

Have a look what the booklet for
YUV(61.7810, -24.5420, 31.7641)
contains.

YUV(61.7810, -24.5420, 31.7641)	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(61.7810, -24.5420,
31.7641)**

Conversions

Conversions Part 1

Format	Color
Hex	62350C
RGB	98, 53, 12
RGB Percent	38%, 21%, 5%
CMY	0.6157, 0.7922, 0.9529
CMYK	0.00, 0.46, 0.88, 0.62
HSL	29°, 78%, 22%
HSV	29°, 88%, 38%
XYZ	6.3765, 5.1694, 1.0095
YIQ	61.7810, 39.9810, -3.2110

Conversions

Conversions Part 2

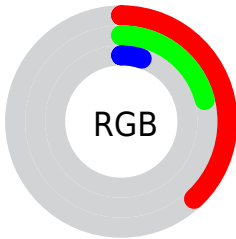
Format	Color
RYB	98, 90, 12
Decimal	6436108
CIELab	27.21, 16.91, 32.49
CIElCh	27, 36.623, 62.507
Yxy	5.1694, 0.5079, 0.4117
Android (android.graphics.Color)	4284626188 (0xFF62350C)
YUV	61.7810, -24.5420, 31.7641
Hunter-Lab	22.7364, 10.2721, 13.2828

Details

The YUV color **61.7810, -24.5420, 31.7641** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **48.2190, 24.5420, -31.7641**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.0590, -26.1581, 36.7823**, and **20.2110, -9.9640, 22.6170** is the 20% darker color. If you saturate the color by 10%, you get **57.7060, -27.4631, 35.3378**, and if you desaturate by 10%, it is **65.8560, -21.6210, 28.1903**.

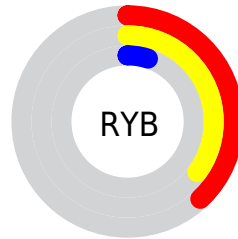
Distribution



Red (38%)

Green (21%)

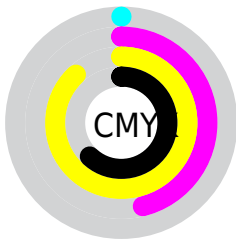
Blue (5%)



Red (38%)

Yellow (35%)

Blue (5%)

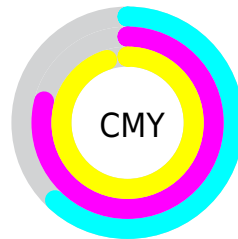


Cyan (0%)

Magenta (46%)

Yellow (88%)

Black (62%)



Cyan (62%)

Magenta (79%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.7810, -24.5420, 31.7641 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 61.7810, -24.5420, 31.7641 by changing the saturation by 10% instead.

61.7810, -24.5420,
31.7641

61.7810, -24.5420,
31.7641

253.4040, -6.1152,
1.3997

39.7250, -19.5844,
28.3052

111.0590,
-26.1581, 36.7823

20.2110, -9.9640,
22.6170

136.7280,
-27.4739, 38.8265

3.8870, -1.9163,
7.9921

163.5110,
-28.3529, 40.7709

0.0000, 0.0000,
0.0000

191.1800,
-29.6687, 42.8151

214.5920,
-27.8999, 35.4378

234.6930,

-24.4986, 17.8092

■ 250.2120,
-18.3455, 4.1991

■ 61.7810, -24.5420,
31.7641

■ 61.7810, -24.5420,
31.7641

■ 57.7060, -27.4631,
35.3378

■ 65.8560, -21.6210,
28.1903

■ 56.8910, -28.0473,
36.0526

■ 69.9310, -18.7000,
24.6165

■ 73.8920, -16.2158,
21.1427

■ 78.5540, -13.5841,
17.0541

■ 82.6290, -10.6631,
13.4804

■ 86.7040, -7.7421,
9.9066

■ 90.7790, -4.8210,
6.3328

■ 94.7400, -2.3368,
2.8590

■ 98.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



61.6590, -12.6499, 44.1491



61.7810, -24.5420, 31.7641



60.2920, -29.7240, 13.7759

Triad

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



61.7810, -24.5420, 31.7641



52.7230, 6.5456, -46.2381



65.6730, 22.8392, 1.1638

Complementary

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



61.7810, -24.5420, 31.7641



48.2190, 24.5420, -31.7641

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.



53.0090, 33.0266, -46.4889



61.7810, -24.5420, 31.7641



55.9150, 18.7759, -49.0375

Square

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



61.7810, -24.5420, 31.7641



48.2430, -5.5428, -42.3091



56.4340, 28.3800, -49.4926



65.5150, 12.5641, 30.2433

Rectangle

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



61.7810, -24.5420, 31.7641



58.3010, -26.7704, -0.2640



56.4340, 28.3800, -49.4926



63.3940, 25.9348, -11.7465

Sweetspot

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



61.7810, -24.5420, 31.7641



113.5580, -9.6421, 12.6656



42.9580, 7.4157, 48.2718



55.2630, -5.5527, 7.6623



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



61.7810, -24.5420, 31.7641



74.0790, -36.5209, 47.2887



86.4350, -36.6965, 10.1425



46.3700, -1.1684, 1.4295



64.5990, -31.8473, 41.5707



138.6780, -68.3683, 88.8594

Inverse Universe

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



48.2190, 24.5420, -31.7641



53.9210, 36.5209, -47.2887



23.5650, 36.6965, -10.1425



45.6300, 1.1684, -1.4295



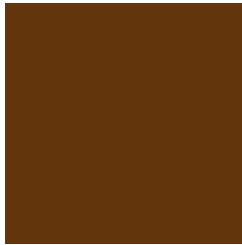
47.4010, 31.8473, -41.5707



100.7350, 68.6576, -88.3446

Previews

White Background



This preview shows how the YUV color 61.7810, -24.5420, 31.7641 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



This preview shows how the YUV color 61.7810, -24.5420, 31.7641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

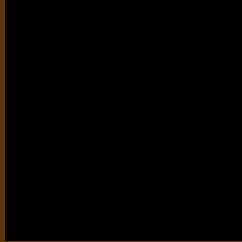
Any Text WCAG AA × Fail

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 61.7810, -24.5420, 31.7641 Background



This preview shows how black text looks on a background with the YUV color 61.7810, -24.5420, 31.7641.



This preview shows how white text looks on a background with the YUV color 61.7810, -24.5420,

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

61.7810, -24.5420, 31.7641

Protanopia

61.6920, -23.0192, 9.9171

Deuteranopia

61.3680, -28.2824, 18.0943



Tritanopia

64.7050, -5.7706, 30.9537

Trichromacy



Original Color

61.7810, -24.5420, 31.7641

Protanomaly

61.9210, -23.6251, 17.6093

Deuteranomaly

61.7430, -26.9883, 23.0274

Tritanomaly

63.2830, -12.4645, 31.3238

Monochromacy



Original Color

61.7810, -24.5420, 31.7641

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0740, -8.9105, 11.3361

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7810, -24.5420, 31.7641 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(98, 53, 12)` looks like.

```
.text, #text, p{  
    color:rgb(98, 53, 12)  
}
```

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(98, 53, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 53, 12) }
```

Border

The CSS property to change the border of an element to YUV 61.7810, -24.5420, 31.7641 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(98, 53, 12) }
```


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

```
.border{ border-color:rgb(98, 53, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 53, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 53, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 53, 12);  
box-shadow:4px 4px 4px 4px rgb(98, 53, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.7810, -24.5420, 31.7641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 53, 12) }
```

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

```
.background{ background-color: rgb(98, 53,  
12) }
```

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