

Converting Colors

YUV(61.5870, -23.9534,
-17.1778)

Have a look what the booklet for
YUV(61.5870, -23.9534, -17.1778)
contains.

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Color

**YUV(61.5870, -23.9534,
-17.1778)**

Conversions

Conversions Part 1

Format	Color
Hex	2A510D
RGB	42, 81, 13
RGB Percent	16%, 32%, 5%
CMY	0.8353, 0.6824, 0.9490
CMYK	0.48, 0.00, 0.84, 0.68
HSL	94°, 72%, 18%
HSV	94°, 84%, 32%
XYZ	3.9699, 6.4062, 1.4080
YIQ	61.5870, -1.4160, -29.4160

Conversions

Conversions Part 2

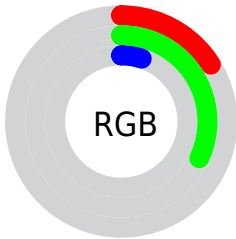
Format	Color
R _Y B	13, 81, 52
Decimal	2773261
CIE Lab	30.41, -26.58, 33.08
CIE LCh	30, 42.439, 128.785
Yxy	6.4062, 0.3369, 0.5436
Android (android.graphics.Color)	4280963341 (0xFF2A510D)
YUV	61.5870, -23.9534, -17.1778
Hunter-Lab	25.3104, -16.2956, 14.4189

Details

The YUV color **61.5870, -23.9534, -17.1778** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **32.4130, 23.9534, 17.1778**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3590, -24.8270, -16.9778**, and **21.1320, -10.4181, -18.5328** is the 20% darker color. If you saturate the color by 10%, you get **59.1800, -26.7107, -19.4519**, and if you desaturate by 10%, it is **63.9940, -21.1960, -14.9037**.

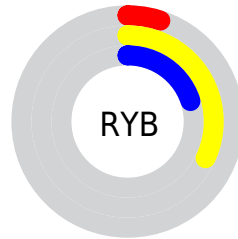
Distribution



Red (16%)

Green (32%)

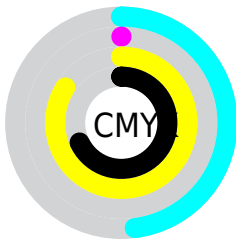
Blue (5%)



Red (5%)

Yellow (32%)

Blue (20%)

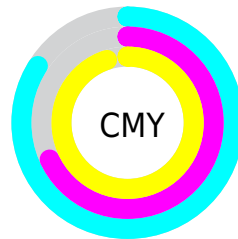


Cyan (48%)

Magenta (0%)

Yellow (84%)

Black (68%)



Cyan (84%)


Magenta (68%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 61.5870, -23.9534, -17.1778 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 61.5870, -23.9534, -17.1778 by changing the saturation by 10% instead.


 61.5870, -23.9534,
-17.1778


 61.5870, -23.9534,
-17.1778


 254.0880, -3.4944,
0.7998


 39.7270, -19.5854,
-18.1776

 111.3590,
-24.8270, -16.9778


 21.1320, -10.4181,
-18.5328


 136.8320,
-25.5532, -17.3927

 1.7610, -0.8682,
-1.5444

 163.6040,
-26.4268, -17.1927


 0.0000, 0.0000,
0.0000


 191.0770,
-27.1530, -17.6075


 218.9630,
-27.5898, -17.5076


 239.2180,


-24.2645, -10.7152


 250.7820,
-16.1615, 3.6992


 61.5870, -23.9534,
-17.1778


 61.5870, -23.9534,
-17.1778


 59.1800, -26.7107,
-19.4519


 63.9940, -21.1960,
-14.9037

 58.0120, -28.5999,
-20.1815

 66.1020, -18.2913,
-13.2445

 68.5090, -15.5339,
-10.9704

 70.9160, -12.7766,
-8.6963

 73.1380, -9.4350,
-7.1370

■ 75.5450, -6.6777,
-4.8630

■ 77.9520, -3.9203,
-2.5889

■ 80.0600, -1.0156,
-0.9296

■ 82.4670, 1.7418,
1.3444

Harmonies

Analogous

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



66.1730, -32.6233, 10.3723



61.5870, -23.9534, -17.1778



55.1390, -4.5055, -48.3569

Triad

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



61.5870, -23.9534, -17.1778



63.2960, 34.3641, -55.5106



67.1840, -2.0627, 55.0896

Complementary

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



61.5870, -23.9534, -17.1778



32.4130, 23.9534, 17.1778

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.



71.4670, 12.0948, 40.8094



61.5870, -23.9534, -17.1778



57.8820, 39.0052, -50.7625

Square

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



61.5870, -23.9534, -17.1778



63.2500, 24.0338, -55.4703



73.5970, 24.8487, 10.0004



68.0250, -17.7603, 49.9671

Rectangle

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



61.5870, -23.9534, -17.1778



58.3480, 5.2514, -51.1712



73.5970, 24.8487, 10.0004



68.4270, 2.7475, 52.2455

Sweetspot

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



61.5870, -23.9534, -17.1778



97.4370, -9.5824, -6.5222



56.2250, -21.3099, 21.7277



49.0720, -5.9515, -4.4481



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



61.5870, -23.9534, -17.1778



75.0900, -37.0194, -26.3889



53.4860, -17.4946, -35.5062



39.6470, -1.3050, -1.4444



165.7850, -81.7320, -58.5704

Inverse Universe

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



32.4130, 23.9534, 17.1778



29.9100, 37.0194, 26.3889



40.5140, 17.4946, 35.5062



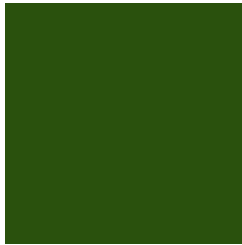
38.0540, 1.4524, 0.8296



66.2150, 81.7320, 58.5704

Previews

White Background



This preview shows how the YUV color 61.5870, -23.9534, -17.1778 looks on a white background.

Color Contrast Check

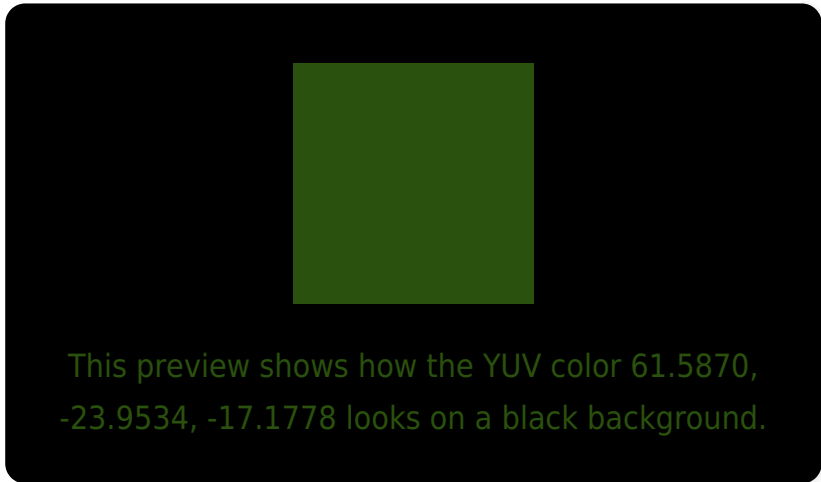
Large Text (above 18pt) WCAG AA ✓ Pass

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

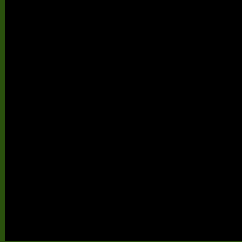
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5870, -23.9534, -17.1778

Background



This preview shows how black text looks on a background with the YUV color 61.5870, -23.9534, -17.1778.



This preview shows how white text looks on a background with the YUV color 61.5870, -23.9534, -17.1778.

-17.1778.

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

61.5870, -23.9534, -17.1778

Protanopia

67.6230, -28.4081, 11.7316

Deuteranopia

69.1060, -24.2093, 18.3240



Tritanopia

68.8070, 6.0111, -14.7397

Trichromacy



Original Color

61.5870, -23.9534, -17.1778

Protanomaly

65.3120, -26.7758, 1.4804

Deuteranomaly

66.6160, -24.4607, 5.5988

Tritanomaly

65.9350, -4.8980, -15.7290

Monochromacy



Original Color

61.5870, -23.9534, -17.1778

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9640, -8.8563, -6.1074

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5870, -23.9534, -17.1778 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(42, 81, 13)` looks like.

```
.text, #text, p{  
    color:rgb(42, 81, 13)  
}
```

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(42, 81, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 81, 13) }
```

Border

The CSS property to change the border of an element to YUV 61.5870, -23.9534, -17.1778 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(42, 81, 13) }
```

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

```
.border{ border-color:rgb(42, 81, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 81, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 81, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 81, 13);  
box-shadow:4px 4px 4px 4px rgb(42, 81, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.5870, -23.9534, -17.1778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 81, 13) }
```

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

```
.background{ background-color: rgb(42, 81,  
13) }
```

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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