

Converting Colors

YUV(74.8150, -23.0798,
-17.3778)

Have a look what the booklet for
YUV(74.8150, -23.0798, -17.3778)
contains.

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Color

**YUV(74.8150, -23.0798,
-17.3778)**

Conversions

Conversions Part 1

Format	Color
Hex	375E1C
RGB	55, 94, 28
RGB Percent	22%, 37%, 11%
CMY	0.7843, 0.6314, 0.8902
CMYK	0.41, 0.00, 0.70, 0.63
HSL	95°, 54%, 24%
HSV	95°, 70%, 37%
XYZ	5.7879, 8.9015, 2.5117
YIQ	74.8150, -2.0580, -28.7940

Conversions

Conversions Part 2

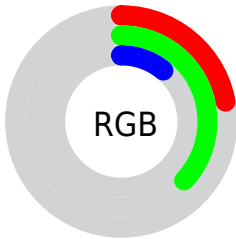
Format	Color
R_YB	28, 94, 67
Decimal	3628572
CIE _{Lab}	35.79, -26.54, 32.37
CIE _{LCh}	36, 41.855, 129.349
Yxy	8.9015, 0.3365, 0.5175
Android (android.graphics.Color)	4281818652 (0xFF375E1C)
YUV	74.8150, -23.0798, -17.3778
Hunter-Lab	29.8353, -17.5840, 15.8934

Details

The YUV color **74.8150, -23.0798, -17.3778** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **47.1850, 23.0798, 17.3778**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0600, -24.6796, -17.5926**, and **29.0840, -14.3384, -21.1217** is the 20% darker color. If you saturate the color by 10%, you get **71.9950, -26.1265, -20.1666**, and if you desaturate by 10%, it is **77.6350, -20.0331, -14.5889**.

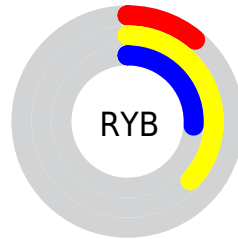
Distribution



Red (22%)

Green (37%)

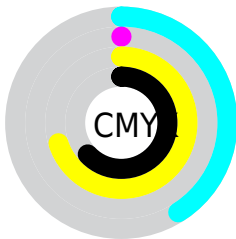
Blue (11%)



Red (11%)

Yellow (37%)

Blue (26%)

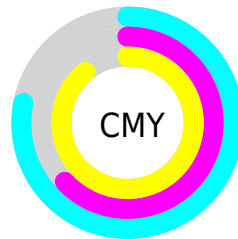


Cyan (41%)

Magenta (0%)

Yellow (70%)

Black (63%)



Cyan (78%)

Magenta (63%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8150, -23.0798, -17.3778 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 74.8150, -23.0798, -17.3778 by changing the saturation by 10% instead.

■ 74.8150, -23.0798,
-17.3778

■ 74.8150, -23.0798,
-17.3778

255.0000, 0.0000,
0.0000

■ 50.4020, -23.3692,
-17.8926

■ 125.0600,
-24.6796, -17.5926

■ 29.0840, -14.3384,
-21.1217

■ 150.9460,
-25.1164, -17.4926

■ 17.0230, -8.3923,
-14.9292

■ 178.4190,
-25.8426, -17.9075

■ 0.0000, 0.0000,
0.0000

■ 206.1910,
-26.7162, -17.7075

■ 234.0770,
-27.1530, -17.6075

■ 245.6410,

-19.0500, -3.1932

252.7200, -8.7360,
1.9996

74.8150, -23.0798,
-17.3778

74.8150, -23.0798,
-17.3778

71.9950, -26.1265,
-20.1666

77.6350, -20.0331,
-14.5889

69.3600, -29.7575,
-22.2407

80.2700, -16.4021,
-12.5148

66.5400, -32.8042,
-25.0296

83.0900, -13.3554,
-9.7259

85.7250, -9.7244,
-7.6518

88.5450, -6.6777,
-4.8630

■ 91.0660, -3.4835,
-2.6889

■ 94.0000, 0.0000,
0.0000

■ 96.5210, 3.1941,
2.1741

■ 99.4550, 6.6777,
4.8630

Harmonies

Analogous

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



78.4890, -35.2441, 10.9721



74.8150, -23.0798, -17.3778



64.2520, -2.5892, -56.3490

Triad

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



74.8150, -23.0798, -17.3778



71.9360, 37.0066, -63.0879



82.4290, -3.6625, 54.8748

Complementary

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



74.8150, -23.0798, -17.3778



47.1850, 23.0798, 17.3778

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.



84.7660, 11.9474, 41.4242



74.8150, -23.0798, -17.3778



75.7800, 37.0835, -41.0261

Square

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



74.8150, -23.0798, -17.3778



72.4770, 26.3868, -63.5623



86.7820, 24.2645, 10.7152



81.6830, -19.0707, 50.2670

Rectangle

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



74.8150, -23.0798, -17.3778



68.0480, 6.8783, -59.6781



86.7820, 24.2645, 10.7152



83.0850, 1.4371, 52.5455

Sweetspot

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



74.8150, -23.0798, -17.3778



114.6650, -8.7088, -6.7222



70.6270, -21.0151, 20.4981



56.5990, -5.2253, -4.0333



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



74.8150, -23.0798, -17.3778



92.4320, -35.7090, -26.6889



67.3120, -16.9158, -34.4766



44.5330, -1.7418, -1.3444



78.0250, -38.4663, -28.9629



168.1220, -82.8841, -62.3740

Inverse Universe

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



47.1850, 23.0798, 17.3778



49.5680, 35.7090, 26.6889



54.6880, 16.9158, 34.4766



42.4670, 1.7418, 1.3444



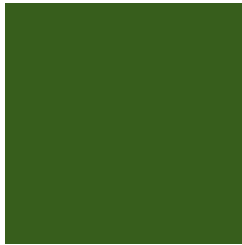
31.9750, 38.4663, 28.9629



68.8780, 82.8841, 62.3740

Previews

White Background



This preview shows how the YUV color 74.8150, -23.0798, -17.3778 looks on a white background.

Color Contrast Check

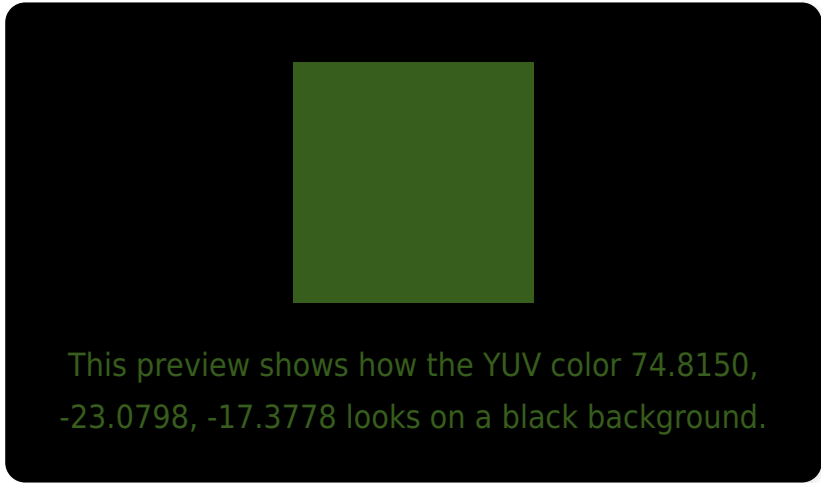
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.8150, -23.0798, -17.3778

Background



This preview shows how black text looks on a background with the YUV color 74.8150, -23.0798, -17.3778.



This preview shows how white text looks on a background with the YUV color 74.8150, -23.0798, -17.3778.

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

74.8150, -23.0798, -17.3778

Protanopia

80.2640, -27.2452, 12.0465

Deuteranopia

81.8180, -24.0673, 19.4536



Tritanopia

81.9210, 6.4479, -14.8397

Trichromacy



Original Color

74.8150, -23.0798, -17.3778

Protanomaly

78.5400, -25.9022, 1.2804

Deuteranomaly

79.1430, -23.7345, 6.0136

Tritanomaly

79.1630, -4.0244, -15.9290

Monochromacy



Original Color

74.8150, -23.0798, -17.3778

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0780, -8.4195, -6.2074

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8150, -23.0798, -17.3778 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(55, 94, 28)` looks like.

```
.text, #text, p{  
    color:rgb(55, 94, 28)  
}
```

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(55, 94, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 94, 28) }
```

Border

The CSS property to change the border of an element to YUV 74.8150, -23.0798, -17.3778 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(55, 94, 28) }
```


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

```
.border{ border-color:rgb(55, 94, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 94, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 94, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 94, 28);  
box-shadow:4px 4px 4px 4px rgb(55, 94, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.8150, -23.0798, -17.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 94, 28) }
```

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

```
.background{ background-color: rgb(55, 94,  
28) }
```

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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