

Converting Colors

YUV(79.4150, -13.0226,
-23.1660)

Have a look what the booklet for
YUV(79.4150, -13.0226, -23.1660)
contains.

YUV(79.4150, -13.0226, -23.1660)	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(79.4150, -13.0226,
-23.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	356235
RGB	53, 98, 53
RGB Percent	21%, 38%, 21%
CMY	0.7922, 0.6157, 0.7922
CMYK	0.46, 0.00, 0.46, 0.62
HSL	120°, 30%, 30%
HSV	120°, 46%, 38%
XYZ	6.4785, 9.7493, 4.9085
YIQ	79.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

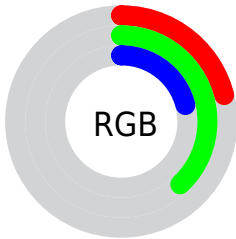
Format	Color
RYB	53, 98, 98
Decimal	3498549
CIELab	37.39, -25.88, 20.87
CIELCh	37, 33.246, 141.118
Yxy	9.7493, 0.3065, 0.4613
Android (android.graphics.Color)	4281688629 (0xFF356235)
YUV	79.4150, -13.0226, -23.1660
Hunter-Lab	31.2239, -17.6057, 12.5361

Details

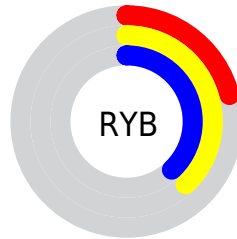
The YUV color **79.4150, -13.0226, -23.1660** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **71.5850, 13.0226, 23.1660**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.6600, -14.6224, -23.3808**, and **31.4470, -11.5594, -25.8250** is the 20% darker color. If you saturate the color by 10%, you get **75.2850, -15.9165, -28.3139**, and if you desaturate by 10%, it is **83.5450, -10.1287, -18.0180**.

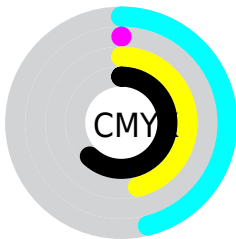
Distribution



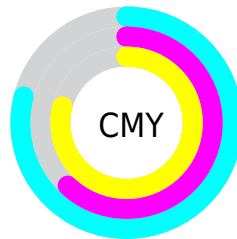
- Red (21%)
- Green (38%)
- Blue (21%)



- Red (21%)
- Yellow (38%)
- Blue (38%)



- Cyan (46%)
- Magenta (0%)
- Yellow (46%)
- Black (62%)



- Cyan (79%)
- Magenta (62%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4150, -13.0226, -23.1660 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 79.4150, -13.0226, -23.1660 by changing the saturation by 10% instead.

■ 79.4150, -13.0226,
-23.1660

■ 79.4150, -13.0226,
-23.1660

255.0000, 0.0000,
0.0000

■ 55.6430, -12.1490,
-23.3659

■ 129.6600,
-14.6224, -23.3808

■ 31.4470, -11.5594,
-25.8250

■ 155.9480,
-14.7644, -24.5104

■ 18.1970, -8.9711,
-15.9588

■ 183.4210,
-15.4906, -24.9252

■ 0.0000, 0.0000,
0.0000

■ 210.8940,
-16.2167, -25.3400

■ 235.9590,
-14.7698, -22.7660

■ 247.8220, -6.8142,

-7.7369

■ 79.4150, -13.0226,
-23.1660

■ 79.4150, -13.0226,
-23.1660

■ 75.2850, -15.9165,
-28.3139

■ 83.5450, -10.1287,
-18.0180

■ 71.1550, -18.8104,
-33.4619

■ 87.6750, -7.2348,
-12.8700

■ 67.4380, -21.4149,
-38.0951

■ 91.3920, -4.6303,
-8.2368

■ 63.3080, -24.3088,
-43.2431

■ 95.5220, -1.7363,
-3.0888

■ 59.1780, -27.2028,
-48.3911

■ 99.6520, 1.1576,
2.0592

■ 57.5260, -28.3603,
-50.4503

■ 103.7820, 4.0515,
7.2072

■ 107.9120, 6.9454,
12.3552

■ 111.6290, 9.5499,
16.9884

■ 115.7590, 12.4438,
22.1364

Harmonies

Analogous

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



83.4090, -23.8656, 1.3953



79.4150, -13.0226, -23.1660



68.2930, 5.2786, -59.8930

Triad

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



79.4150, -13.0226, -23.1660



70.6650, 34.6752, -61.9732



87.9840, -8.8661, 43.8640

Complementary

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



79.4150, -13.0226, -23.1660



71.5850, 13.0226, 23.1660

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.



89.5670, 3.6645, 38.0907



79.4150, -13.0226, -23.1660



88.0630, 24.6189, -9.7023

Square

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



79.4150, -13.0226, -23.1660



72.8190, 27.6972, -63.8623



90.5460, 15.5068, 19.6922



87.3670, -19.9009, 36.5121

Rectangle

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



79.4150, -13.0226, -23.1660



70.9320, 12.8515, -62.2074



90.5460, 15.5068, 19.6922



88.4230, -4.6455, 43.4790

Sweetspot

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



79.4150, -13.0226, -23.1660



120.5660, -5.2090, -9.2664



92.8700, -19.6559, 4.4990



59.4570, -3.1833, -5.6628



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.



79.4150, -13.0226, -23.1660



98.6770, -20.5468, -36.5507



82.0370, -2.9762, -25.4654



46.3480, -1.1576, -2.0592



65.7440, -32.4118, -57.6575



140.8800, -69.4538, -123.5518

Inverse Universe

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



71.5850, 13.0226, 23.1660



86.3230, 20.5468, 36.5507



69.0770, 3.4130, 25.3655



45.6520, 1.1576, 2.0592



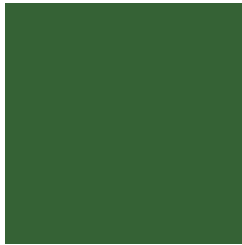
46.2560, 32.4118, 57.6575



99.1200, 69.4538, 123.5518

Previews

White Background



This preview shows how the YUV color 79.4150, -13.0226, -23.1660 looks on a white background.

Color Contrast Check

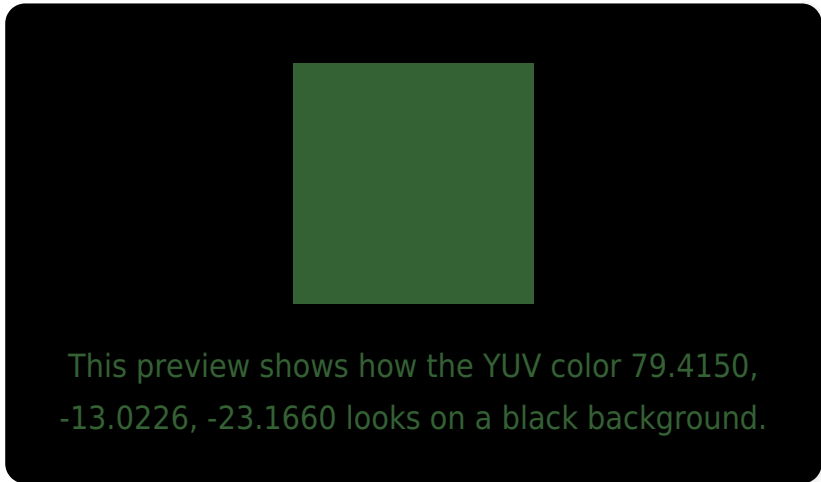
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.4150, -13.0226, -23.1660

Background



This preview shows how black text looks on a background with the YUV color 79.4150, -13.0226, -23.1660.



This preview shows how white text looks on a background with the YUV color 79.4150, -13.0226, -23.1660.

-23.1660.

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

79.4150, -13.0226, -23.1660

Protanopia

85.9460, -18.2144, 8.8174

Deuteranopia

87.3860, -15.4733, 16.3245



Tritanopia

84.8280, 7.4798, -19.1432

Trichromacy



Original Color

79.4150, -13.0226, -23.1660

Protanomaly

83.6240, -16.5766, -3.1782

Deuteranomaly

84.5260, -14.5563, 2.1697

Tritanomaly

82.8680, 0.0651, -20.9322

Monochromacy



Original Color

79.4150, -13.0226, -23.1660

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.3920, -4.6303, -8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4150, -13.0226, -23.1660 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(53, 98, 53)` looks like.

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

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

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

Border

The CSS property to change the border of an element to YUV 79.4150, -13.0226, -23.1660 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(53, 98, 53) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to YUV 79.4150, -13.0226, -23.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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