

Converting Colors

YUV(23.1540, -10.4289,
-15.0441)

Have a look what the booklet for
YUV(23.1540, -10.4289, -15.0441)
contains.

YUV(23.1540, -10.4289, -15.0441)	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(23.1540, -10.4289,
-15.0441)**

Conversions

Conversions Part 1

Format	Color
Hex	062402
RGB	6, 36, 2
RGB Percent	2%, 14%, 1%
CMY	0.9765, 0.8588, 0.9922
CMYK	0.83, 0.00, 0.94, 0.86
HSL	113°, 89%, 7%
HSV	113°, 94%, 14%
XYZ	0.7169, 1.3049, 0.2715
YIQ	23.1540, -6.9660, -16.9340

Conversions

Conversions Part 2

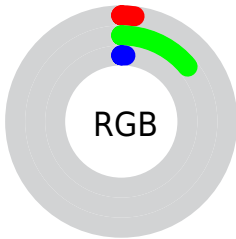
Format	Color
R_YB	2, 36, 32
Decimal	402434
CIE _{Lab}	11.31, -19.38, 15.62
CIE _{LCh}	11, 24.887, 141.138
Yxy	1.3049, 0.3126, 0.5690
Android (android.graphics.Color)	4278592514 (0xFF062402)
YUV	23.1540, -10.4289, -15.0441
Hunter-Lab	11.4230, -8.7872, 6.5869

Details

The YUV color **23.1540, -10.4289, -15.0441** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **14.8460, 10.4289, 15.0441**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.6700, -9.6973, -16.3736**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.3280, -11.0077, -16.0737**, and if you desaturate by 10%, it is **24.5070, -9.1240, -13.5996**.

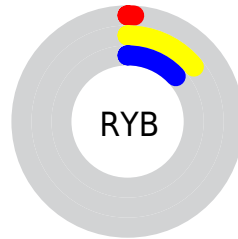
Distribution



Red (2%)

Green (14%)

Blue (1%)



Red (1%)

Yellow (14%)

Blue (13%)

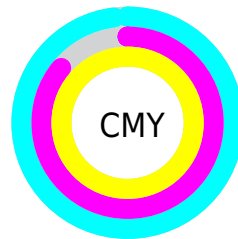


Cyan (83%)

Magenta (0%)

Yellow (94%)

Black (86%)



Cyan (98%)

Magenta (86%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.1540, -10.4289, -15.0441 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 23.1540, -10.4289, -15.0441 by changing the saturation by 10% instead.

■ 23.1540, -10.4289,
-15.0441

■ 23.1540, -10.4289,
-15.0441

■ 244.7460, -8.2558,
-12.0552

■ 5.2830, -2.6045,
-4.6332

■ 67.6700, -9.6973,
-16.3736

■ 0.0000, 0.0000,
0.0000

■ 91.5560, -10.1341,
-16.2736


■ 116.7300,
-10.7129, -17.3032


■ 142.3170,
-11.0023, -17.8180


■ 169.2030,
-11.4391, -17.7180


■ 196.3770,


-12.0179, -18.7476


 224.3770,
-12.0179, -18.7476


 23.1540, -10.4289,
-15.0441


 23.1540, -10.4289,
-15.0441


 22.3280, -11.0077,
-16.0737

 24.5070, -9.1240,
-13.5996

 25.7460, -8.2558,
-12.0552

 27.3980, -7.0982,
-9.9960

 28.6370, -6.2300,
-8.4516

 29.9900, -4.9251,
-7.0072

■ 31.3430, -3.6201,
-5.5628

■ 32.5820, -2.7519,
-4.0184

■ 33.9350, -1.4470,
-2.5740

■ 35.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



27.7430, -13.6773, 0.2254



23.1540, -10.4289, -15.0441



25.0420, -0.5137, -21.9618

Triad

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



23.1540, -10.4289, -15.0441



27.2540, 18.1158, -23.9018



27.7370, -4.3073, 28.2947

Complementary

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



23.1540, -10.4289, -15.0441



14.8460, 10.4289, 15.0441

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.



29.0770, 3.4130, 25.3655



23.1540, -10.4289, -15.0441



29.1850, 16.1778, -8.9322

Square

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



23.1540, -10.4289, -15.0441



28.1030, 13.7532, -24.6463



31.1230, 10.2924, 12.1701



28.1850, -13.8952, 23.5168

Rectangle

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



23.1540, -10.4289, -15.0441



26.4100, 4.7279, -23.1616



31.1230, 10.2924, 12.1701



27.8340, -1.3972, 28.2096

Sweetspot

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



23.1540, -10.4289, -15.0441



41.2290, -4.0569, -5.4628



29.1890, -13.4042, 5.9732



19.9950, -2.4625, -3.5036



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



23.1540, -10.4289, -15.0441



28.4970, -14.0490, -20.6069



23.3260, -4.5977, -18.7029



17.1740, -0.5788, -1.0296



51.1240, -25.2041, -36.0657



130.1580, -64.1679, -92.2236

Inverse Universe

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



14.8460, 10.4289, 15.0441



17.5030, 14.0490, 20.6069



14.6740, 4.5977, 18.7029



16.8260, 0.5788, 1.0296



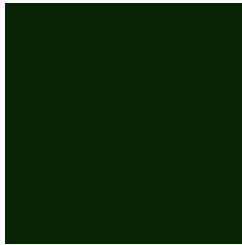
30.8760, 25.2041, 36.0657



79.1410, 64.0205, 92.8383

Previews

White Background



This preview shows how the YUV color 23.1540, -10.4289, -15.0441 looks on a white background.

Color Contrast Check

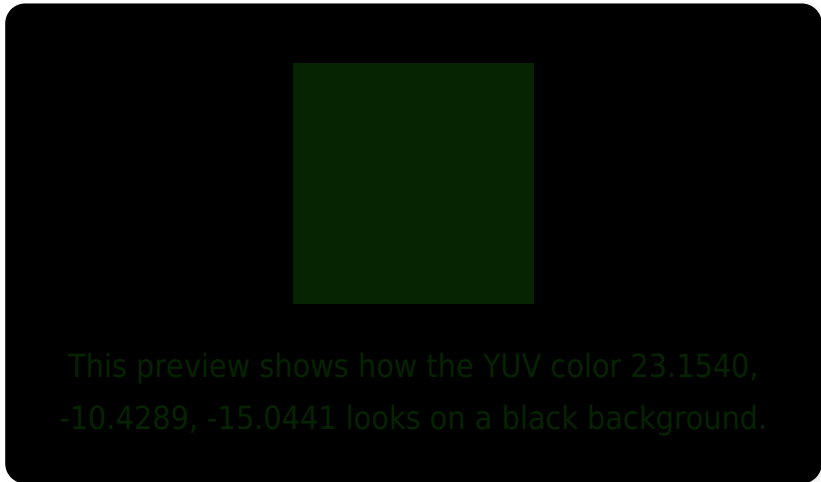
Large Text (above 18pt) WCAG AA ✓ Pass

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

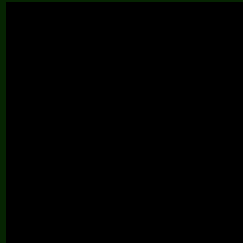
Any Text WCAG AA × Fail

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 23.1540, -10.4289, -15.0441 Background



This preview shows how black text looks on a background with the YUV color 23.1540, -10.4289, -15.0441.



This preview shows how white text looks on a background with the YUV color 23.1540, -10.4289,

-15.0441.

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

23.1540, -10.4289, -15.0441

Protanopia

28.6620, -14.1304, 5.5584

Deuteranopia

29.5960, -10.6468, 8.2473



Tritanopia

28.2590, 3.8163, -10.7511

Trichromacy



Original Color

23.1540, -10.4289, -15.0441

Protanomaly

26.6610, -12.6509, -2.3337

Deuteranomaly

27.5410, -10.6197, -0.4745

Tritanomaly

26.2820, -1.1250, -12.5253

Monochromacy



Original Color

23.1540, -10.4289, -15.0441

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.2290, -4.0569, -5.4628

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.1540, -10.4289, -15.0441 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(6, 36, 2)` looks like.

```
.text, #text, p{  
    color:rgb(6, 36, 2)  
}
```

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(6, 36, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 36, 2) }
```

Border

The CSS property to change the border of an element to YUV 23.1540, -10.4289, -15.0441 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(6, 36, 2) }
```


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

```
.border{ border-color:rgb(6, 36, 2) }
```

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

Here you see how a box with a 4 pixel rgb(6, 36, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 36, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 36, 2); box-shadow:4px  
4px 4px 4px rgb(6, 36, 2) }
```

Background

The CSS property to change the background color of an element to YUV 23.1540, -10.4289, -15.0441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 36, 2) }
```

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

```
.background{ background-color: rgb(6, 36,  
2) }
```

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