

Converting Colors

YUV(46.8590, -23.1015,
-10.4003)

Have a look what the booklet for
YUV(46.8590, -23.1015, -10.4003)
contains.

YUV(46.8590, -23.1015, -10.4003)	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>	30

Color

**YUV(46.8590, -23.1015,
-10.4003)**

Conversions

Conversions Part 1

Format	Color
Hex	233E00
RGB	35, 62, 0
RGB Percent	14%, 24%, 0%
CMY	0.8627, 0.7569, 1.0000
CMYK	0.44, 0.00, 1.00, 0.76
HSL	86°, 100%, 12%
HSV	86°, 100%, 24%
XYZ	2.4158, 3.8026, 0.6066
YIQ	46.8590, 3.8100, -25.0060

Conversions

Conversions Part 2

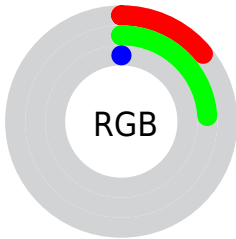
Format	Color
RYB	0, 62, 27
Decimal	2309632
CIELab	23.01, -21.13, 30.99
CIELCh	23, 37.508, 124.284
Yxy	3.8026, 0.3540, 0.5572
Android (android.graphics.Color)	4280499712 (0xFF233E00)
YUV	46.8590, -23.1015, -10.4003
Hunter-Lab	19.5002, -12.0120, 11.8056

Details

The YUV color **46.8590, -23.1015, -10.4003** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15.1410, 23.1015, 10.4003**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.8590, -23.1015, -10.4003**, and **10.5660, -5.2090, -9.2664** is the 20% darker color. If you saturate the color by 10%, you get **46.8590, -23.1015, -10.4003**, and if you desaturate by 10%, it is **48.4400, -20.9229, -9.1559**.

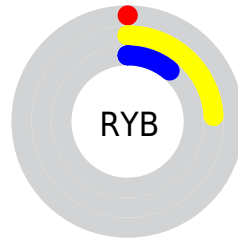
Distribution



Red (14%)

Green (24%)

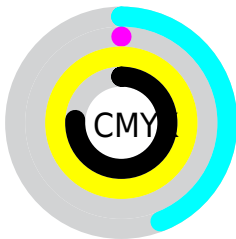
Blue (0%)



Red (0%)

Yellow (24%)

Blue (11%)

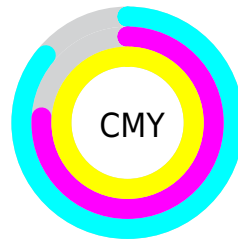


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (86%)


Magenta (76%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 46.8590, -23.1015, -10.4003 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 46.8590, -23.1015, -10.4003 by changing the saturation by 10% instead.


 46.8590, -23.1015,
-10.4003


 46.8590, -23.1015,
-10.4003

 252.1500,
-10.9200, 2.4994


 27.0680, -13.3445,
-13.2146


 94.8590, -23.1015,
-10.4003

 10.5660, -5.2090,
-9.2664

 119.7450,
-23.5383, -10.3004

 0.0000, 0.0000,
0.0000


 146.1040,
-24.7013, -10.6152


 172.8760,
-25.5749, -10.4153


 199.7620,
-26.0117, -10.3153


 228.2350,


-26.7379, -10.7301


 245.9680,
-21.6762, -0.8489


 46.8590, -23.1015,
-10.4003

 48.4400, -20.9229,
-9.1559

 49.7220, -18.5969,
-8.5262

 51.4170, -15.9816,
-7.3817

 52.9980, -13.8030,
-6.1372

 54.5790, -11.6244,
-4.8928

■ 55.8610, -9.2985,
-4.2631

■ 57.4420, -7.1199,
-3.0186

■ 59.1370, -4.5045,
-1.8741

■ 60.4190, -2.1786,
-1.2445

Harmonies

Analogous

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



51.7200, -25.4980, 11.6466



46.8590, -23.1015, -10.4003



42.0480, -6.4327, -36.8761

Triad

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



46.8590, -23.1015, -10.4003



49.5380, 27.3428, -43.4448



51.1120, 0.4378, 46.3828

Complementary

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



46.8590, -23.1015, -10.4003



15.1410, 23.1015, 10.4003

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.



54.5260, 12.5587, 31.9877



46.8590, -23.1015, -10.4003



46.1130, 31.9893, -40.4411

Square

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



46.8590, -23.1015, -10.4003



49.1330, 18.1754, -43.0896



55.6840, 22.8338, 2.9081



51.2460, -12.9393, 43.6343

Rectangle

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



46.8590, -23.1015, -10.4003



44.8010, 1.5771, -39.2905



55.6840, 22.8338, 2.9081



51.8280, 4.5218, 43.1238

Sweetspot

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



46.8590, -23.1015, -10.4003



75.8610, -9.2985, -4.2631



34.3870, -16.9528, 24.2166



37.1970, -5.5201, -2.8038



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



46.8590, -23.1015, -10.4003



61.8880, -30.5108, -13.9338



37.5900, -18.5319, -29.4584



30.0600, -1.0156, -0.9296



71.0250, -35.0153, -15.8079



167.6890, -82.6707, -37.4383

Inverse Universe

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



15.1410, 23.1015, 10.4003



20.1120, 30.5108, 13.9338



24.4100, 18.5319, 29.4584



28.6410, 1.1630, 0.3148



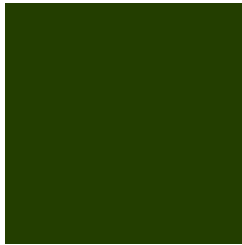
22.9750, 35.0153, 15.8079



54.3110, 82.6707, 37.4383

Previews

White Background



This preview shows how the YUV color 46.8590, -23.1015, -10.4003 looks on a white background.

Color Contrast Check

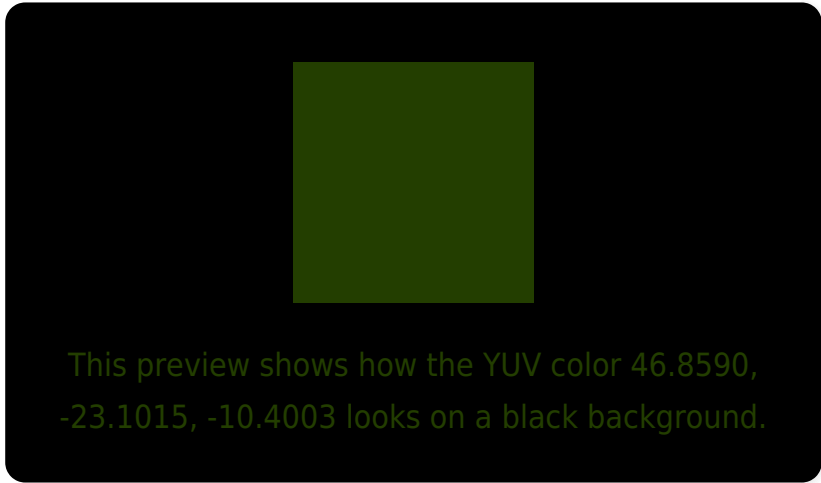
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.8590, -23.1015, -10.4003

Background



This preview shows how black text looks on a background with the YUV color 46.8590, -23.1015, -10.4003.



This preview shows how white text looks on a background with the YUV color 46.8590, -23.1015,

-10.4003.

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



Protanopia

50.8230, -25.0557, 9.8022

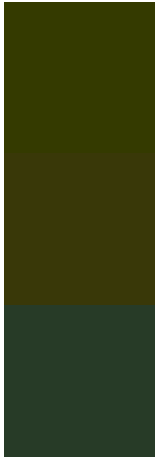
Deuteranopia

52.5230, -19.9778, 14.4503

Tritanopia

53.6720, 4.1057, -10.2363

Trichromacy



Protanomaly

49.5940, -24.4498, 2.1101

Deuteranomaly

50.8270, -21.1137, 5.4137

Tritanomaly

50.7400, -5.7878, -10.2960

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.8010, -8.2829, -3.3335

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.8590, -23.1015, -10.4003 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(35, 62, 0)` looks like.

```
.text, #text, p{  
    color:rgb(35, 62, 0)  
}
```

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(35, 62, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 62, 0) }
```

Border

The CSS property to change the border of an element to YUV 46.8590, -23.1015, -10.4003 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(35, 62, 0) }
```

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

```
.border{ border-color:rgb(35, 62, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 62, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 62, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 62, 0); box-shadow:4px  
4px 4px 4px rgb(35, 62, 0) }
```


Background

The CSS property to change the background color of an element to YUV 46.8590, -23.1015, -10.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 62, 0) }
```

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

```
.background{ background-color: rgb(35, 62,  
0) }
```

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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