

Converting Colors

YUV(46.3360, -22.8436,
47.0633)

Have a look what the booklet for
YUV(46.3360, -22.8436, 47.0633)
contains.

YUV(46.3360, -22.8436, 47.0633)	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(46.3360, -22.8436,
47.0633)**

Conversions

Conversions Part 1

Format	Color
Hex	641C00
RGB	100, 28, 0
RGB Percent	39%, 11%, 0%
CMY	0.6078, 0.8902, 1.0000
CMYK	0.00, 0.72, 1.00, 0.61
HSL	17°, 100%, 20%
HSV	17°, 100%, 39%
XYZ	5.6708, 3.5398, 0.3844
YIQ	46.3360, 51.9000, 6.5560

Conversions

Conversions Part 2

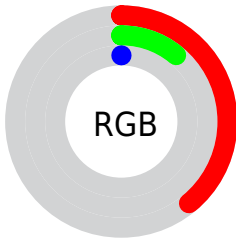
Format	Color
R_{YB}	100, 39, 0
Decimal	6560768
CIE Lab	22.09, 31.20, 32.58
CIE LCh	22, 45.116, 46.239
Yxy	3.5398, 0.5910, 0.3689
Android (android.graphics.Color)	4284750848 (0xFF641C00)
YUV	46.3360, -22.8436, 47.0633
Hunter-Lab	18.8144, 20.8757, 11.9588

Details

The YUV color **46.3360, -22.8436, 47.0633** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **53.6640, 22.8436, -47.0633**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.9130, -24.6071, 52.6963**, and **14.0530, -6.9281, 28.8945** is the 20% darker color. If you saturate the color by 10%, you get **46.3360, -22.8436, 47.0633**, and if you desaturate by 10%, it is **51.5850, -20.5014, 42.4600**.

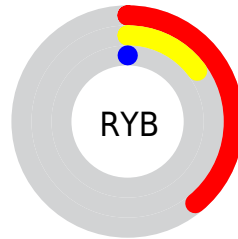
Distribution



Red (39%)

Green (11%)

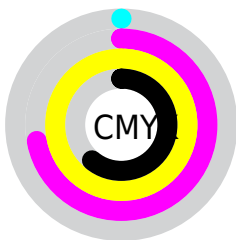
Blue (0%)



Red (39%)

Yellow (15%)

Blue (0%)

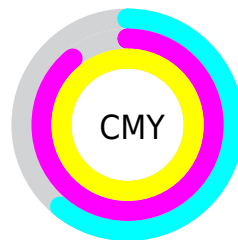


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (61%)



Cyan (61%)


Magenta (89%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 46.3360, -22.8436, 47.0633 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 46.3360, -22.8436, 47.0633 by changing the saturation by 10% instead.


 46.3360, -22.8436,
47.0633


 46.3360, -22.8436,
47.0633

 251.8080,
-12.2303, 2.7994

 22.7020, -11.1921,
43.2343


 96.9130, -24.6071,
52.6963


 14.0530, -6.9281,
28.8945

 122.8810,
-26.0703, 55.3554

 0.0000, 0.0000,
0.0000


 149.8490,
-27.5336, 58.0144


 176.9310,
-28.5600, 60.5735


 198.4350,
-26.3435, 49.6075


 217.9490,


-22.6529, 32.4937


 238.0500,
-19.2516, 14.8652


 46.3360, -22.8436,
47.0633

 51.5850, -20.5014,
42.4600

 56.8340, -18.1592,
37.8566

 62.6700, -16.1063,
32.7384

 67.9190, -13.7641,
28.1350

 73.1680, -11.4218,
23.5317

■ 78.4170, -9.0796,
18.9283

■ 83.6660, -6.7373,
14.3249

■ 89.5020, -4.6845,
9.2067

■ 94.7510, -2.3422,
4.6034

Harmonies

Analogous

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



39.9290, -1.9370, 61.4523



46.3360, -22.8436, 47.0633



50.6230, -24.9571, 24.8866

Triad

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



46.3360, -22.8436, 47.0633



42.8460, -3.3751, -37.5759



43.3890, 36.7832, -38.0522

Complementary

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



46.3360, -22.8436, 47.0633



53.6640, 22.8436, -47.0633

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.



49.3730, 34.3261, -43.3001



46.3360, -22.8436, 47.0633



47.4230, 11.6235, -41.5900

Square

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



46.3360, -22.8436, 47.0633



36.9810, -18.2316, -32.4323



50.2560, 25.0168, -44.0745



53.4950, 22.9270, 19.7369

Rectangle

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



46.3360, -22.8436, 47.0633



49.6380, -24.4715, 9.0875



50.2560, 25.0168, -44.0745



45.9650, 36.4993, -40.3113

Sweetspot

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



46.3360, -22.8436, 47.0633



109.1180, -8.9322, 18.3135



38.2220, 17.1456, 54.1793



53.2850, -5.5635, 11.1511



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



46.3360, -22.8436, 47.0633



60.0020, -29.5810, 61.3882



75.0990, -37.0238, 21.8382



48.0820, -1.0264, 2.5591



53.1690, -26.2123, 54.2258



112.2740, -55.3511, 113.7697

Inverse Universe

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



53.6640, 22.8436, -47.0633



69.9980, 29.5810, -61.3882



24.9010, 37.0238, -21.8382



48.9180, 1.0264, -2.5591



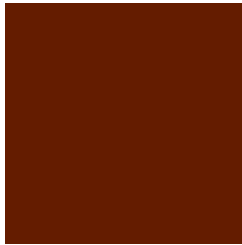
61.8310, 26.2123, -54.2258



129.7260, 55.3511, -113.7697

Previews

White Background



This preview shows how the YUV color 46.3360, -22.8436, 47.0633 looks on a white background.

Color Contrast Check

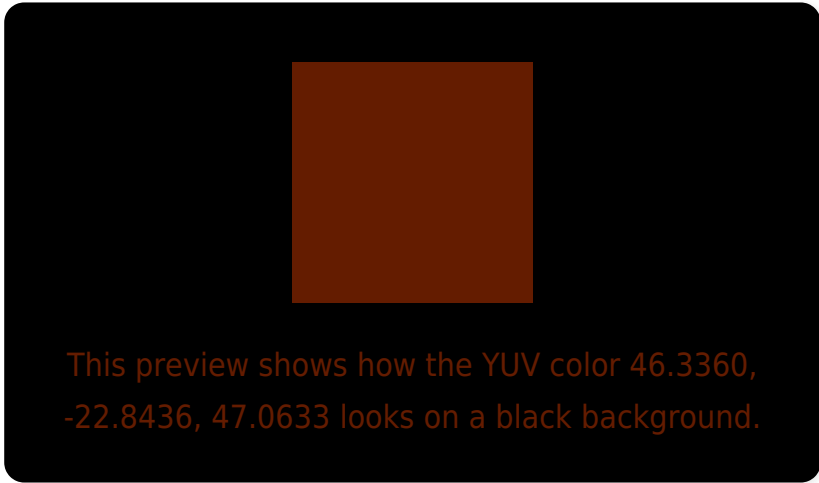
Large Text (above 18pt) WCAG AA ✓ Pass

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

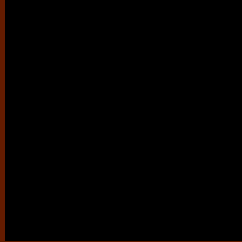
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.3360, -22.8436, 47.0633

Background



This preview shows how black text looks on a background with the YUV color 46.3360, -22.8436, 47.0633.



This preview shows how white text looks on a background with the YUV color 46.3360, -22.8436,

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

46.3360, -22.8436, 47.0633

Protanopia

52.0770, -20.2510, 8.7025

Deuteranopia

51.1550, -25.2194, 15.6501



Tritanopia

48.2400, -10.4713, 45.3935

Trichromacy



Original Color

46.3360, -22.8436, 47.0633

Protanomaly

49.9370, -21.1679, 22.8573

Deuteranomaly

49.1610, -24.2364, 27.0458

Tritanomaly

47.6870, -15.1287, 45.8785

Monochromacy



Original Color

46.3360, -22.8436, 47.0633

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9330, -8.3480, 17.5988

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.3360, -22.8436, 47.0633 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(100, 28, 0)` looks like.

```
.text, #text, p{  
    color:rgb(100, 28, 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(100, 28, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 28, 0) }
```

Border

The CSS property to change the border of an element to YUV 46.3360, -22.8436, 47.0633 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(100, 28, 0) }
```


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

```
.border{ border-color:rgb(100, 28, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 28, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 28, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 28, 0);  
box-shadow:4px 4px 4px 4px rgb(100, 28, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.3360, -22.8436, 47.0633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 28, 0) }
```

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

```
.background{ background-color: rgb(100, 28,  
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](#).

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