

Converting Colors

YUV(73.6040, -36.2868,
18.7643)

Have a look what the booklet for
YUV(73.6040, -36.2868, 18.7643)
contains.

YUV(73.6040, -36.2868, 18.7643)	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(73.6040, -36.2868,
18.7643)**

Conversions

Conversions Part 1

Format	Color
Hex	5F4D00
RGB	95, 77, 0
RGB Percent	37%, 30%, 0%
CMY	0.6275, 0.6980, 1.0000
CMYK	0.00, 0.19, 1.00, 0.63
HSL	49°, 100%, 19%
HSV	49°, 100%, 37%
XYZ	7.3732, 7.7407, 1.1055
YIQ	73.6040, 35.4450, -20.1310

Conversions

Conversions Part 2

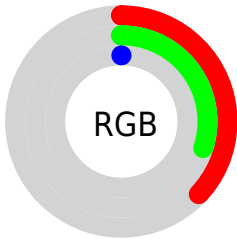
Format	Color
R_{YB}	22, 95, 0
Decimal	6245632
CIE Lab	33.44, 0.15, 41.93
CIE LCh	33, 41.929, 89.790
Yxy	7.7407, 0.4546, 0.4772
Android (android.graphics.Color)	4284435712 (0xFF5F4D00)
YUV	73.6040, -36.2868, 18.7643
Hunter-Lab	27.8220, -1.3838, 17.1196

Details

The YUV color **73.6040, -36.2868, 18.7643** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **21.3960, 36.2868, -18.7643**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5550, -35.2766, 21.4383**, and **32.5270, -16.0358, 10.0618** is the 20% darker color. If you saturate the color by 10%, you get **73.6040, -36.2868, 18.7643**, and if you desaturate by 10%, it is **75.8040, -32.9344, 16.8349**.

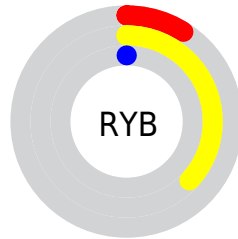
Distribution



Red (37%)

Green (30%)

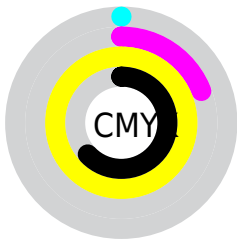
Blue (0%)



Red (9%)

Yellow (37%)

Blue (0%)

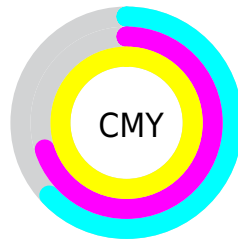


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.6040, -36.2868, 18.7643 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 73.6040, -36.2868, 18.7643 by changing the saturation by 10% instead.

■ 73.6040, -36.2868,
18.7643

■ 73.6040, -36.2868,
18.7643

■ 253.1760, -6.9888,
1.5996

■ 52.6280, -25.9456,
15.2352

■ 124.5550,
-35.2766, 21.4383

■ 32.5270, -16.0358,
10.0618

■ 150.3380,
-36.1556, 23.3826

■ 12.4260, -6.1260,
4.8884

■ 177.5230,
-36.7398, 24.0973

■ 0.0000, 0.0000,
0.0000


■ 204.8930,
-37.9082, 25.5268


■ 231.2730,
-37.6026, 20.8086


■ 246.6780,


-31.8863, 7.2984


 249.8700,
-19.6559, 4.4990


 73.6040, -36.2868,
18.7643

 75.8040, -32.9344,
16.8349

 78.1180, -29.1452,
14.8055

 79.8450, -25.0666,
13.2909

 82.0450, -21.7142,
11.3615

 84.3590, -17.9250,
9.3322

■ 86.5590, -14.5726,
7.4028

■ 88.8730, -10.7834,
5.3734

■ 90.4860, -7.1416,
3.9588

■ 92.8000, -3.3524,
1.9294

Harmonies

Analogous

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



75.6140, -27.9107, 38.9265



73.6040, -36.2868, 18.7643



70.5020, -28.3485, -7.4563

Triad

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



73.6040, -36.2868, 18.7643



67.8320, 21.2818, -59.4887



80.4490, 16.0476, 32.9322

Complementary

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



73.6040, -36.2868, 18.7643



21.3960, 36.2868, -18.7643

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.



79.7310, 28.2336, -2.3951



73.6040, -36.2868, 18.7643



68.3340, 33.3593, -59.9289

Square

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



73.6040, -36.2868, 18.7643



63.9560, 6.4307, -56.0894



65.2510, 39.3163, -57.2251



76.1990, 1.8739, 52.4455

Rectangle

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



73.6040, -36.2868, 18.7643



65.8610, -16.2005, -30.5731



65.2510, 39.3163, -57.2251



81.1210, 20.1533, 22.6959

Sweetspot

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



73.6040, -36.2868, 18.7643



113.7870, -13.6990, 7.2028



30.5710, -5.7045, 56.5042



56.1440, -8.4520, 4.2587



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.



73.6040, -36.2868, 18.7643



94.5910, -46.6334, 24.0377



75.7980, -37.3684, -7.7158



47.5440, -1.7472, 0.3999



86.9050, -42.8442, 22.0083



185.6380, -91.5195, 47.6755

Inverse Universe

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



21.3960, 36.2868, -18.7643



27.4090, 46.6334, -24.0377



19.2020, 37.3684, 7.7158



45.0430, 1.4578, -0.9147



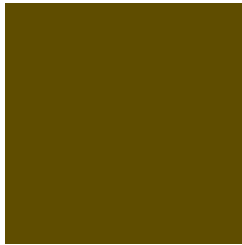
25.0950, 42.8442, -22.0083



53.7750, 91.8089, -47.1607

Previews

White Background



This preview shows how the YUV color 73.6040, -36.2868, 18.7643 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



This preview shows how the YUV color 73.6040, -36.2868, 18.7643 looks on a 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 73.6040, -36.2868, 18.7643

Background



This preview shows how black text looks on a background with the YUV color 73.6040, -36.2868, 18.7643.



This preview shows how white text looks on a background with the YUV color 73.6040, -36.2868,

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

73.4400, -34.2339, 13.6461

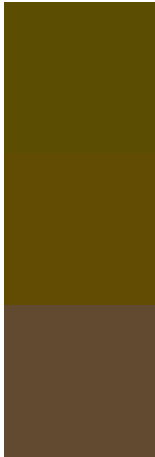
Deuteranopia

74.7230, -33.3874, 22.1679

Tritanopia

80.6430, -1.7960, 16.0991

Trichromacy



Protanomaly

73.3370, -34.6761, 15.4905

Deuteranomaly

74.3700, -34.6924, 20.7235

Tritanomaly

78.3260, -14.4577, 17.2541

Monochromacy



Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9010, -13.2622, 7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.6040, -36.2868, 18.7643 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(95, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(95, 77, 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(95, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 77, 0) }
```

Border

The CSS property to change the border of an element to YUV 73.6040, -36.2868, 18.7643 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(95, 77, 0) }
```

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

```
.border{ border-color:rgb(95, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(95, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 77, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(95, 77, 0); box-shadow:4px  
4px 4px 4px rgb(95, 77, 0) }
```


Background

The CSS property to change the background color of an element to YUV 73.6040, -36.2868, 18.7643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 77, 0) }
```

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

```
.background{ background-color: rgb(95, 77,  
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