

Converting Colors

YUV(71.9970, -35.4945,
44.7296)

Have a look what the booklet for
YUV(71.9970, -35.4945, 44.7296)
contains.

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Color

**YUV(71.9970, -35.4945,
44.7296)**

Conversions

Conversions Part 1	
Format	Color
Hex	7B3C00
RGB	123, 60, 0
RGB Percent	48%, 24%, 0%
CMY	0.5176, 0.7647, 1.0000
CMYK	0.00, 0.51, 1.00, 0.52
HSL	29°, 100%, 24%
HSV	29°, 100%, 48%
XYZ	9.7842, 7.4427, 0.9209
YIQ	71.9970, 56.8080, -5.3040

Conversions

Conversions Part 2

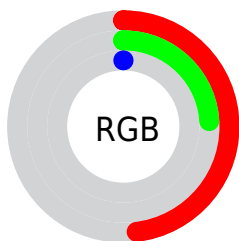
Format	Color
RYB	123, 117, 0
Decimal	8076288
CIELab	32.79, 24.01, 43.37
CIELCh	33, 49.574, 61.027
Yxy	7.4427, 0.5391, 0.4101
Android (android.graphics.Color)	4286266368 (0xFF7B3C00)
YUV	71.9970, -35.4945, 44.7296
Hunter-Lab	27.2813, 16.2756, 17.0955

Details

The YUV color **71.9970, -35.4945, 44.7296** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **51.0030, 35.4945, -44.7296**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.3290, -35.6582, 50.5775**, and **28.8380, -14.2171, 33.4681** is the 20% darker color. If you saturate the color by 10%, you get **71.9970, -35.4945, 44.7296**, and if you desaturate by 10%, it is **76.8870, -31.9893, 40.4411**.

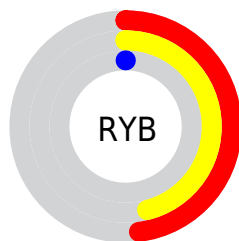
Distribution



Red (48%)

Green (24%)

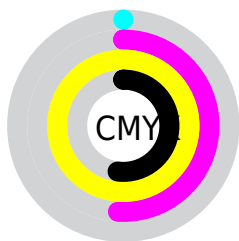
Blue (0%)



Red (48%)

Yellow (46%)

Blue (0%)

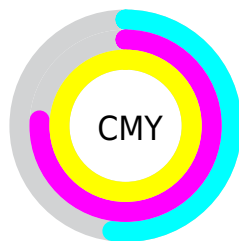


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (52%)



Cyan (52%)

Magenta (76%)


Yellow (100%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 71.9970, -35.4945, 44.7296 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 71.9970, -35.4945, 44.7296 by changing the saturation by 10% instead.


 71.9970, -35.4945,
44.7296


 71.9970, -35.4945,
44.7296

 252.7200, -8.7360,
1.9996


 50.1240, -24.7111,
39.3563


 123.3290,
-35.6582, 50.5775

 28.8380, -14.2171,
33.4681

 150.2970,
-37.1214, 53.2365

 12.8570, -6.3385,
26.4354

 177.3790,
-38.1478, 55.7956

 0.0000, 0.0000,
0.0000


 200.3780,
-36.6684, 47.9035


 219.7780,
-33.4146, 30.8897


 239.8790,


-30.0133, 13.2611


 249.5280,
-20.9663, 4.7989


 71.9970, -35.4945,
44.7296

 76.8870, -31.9893,
40.4411

 82.4780, -28.3367,
35.5378

 87.3680, -24.8314,
31.2493

 92.2580, -21.3262,
26.9607

 97.8490, -17.6736,
22.0574

■ 102.7390,
-14.1683, 17.7689

■ 107.6290,
-10.6631, 13.4804

■ 112.5190, -7.1579,
9.1918

■ 118.1100, -3.5052,
4.2885

Harmonies

Analogous

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



70.9710, -15.7617, 62.2924



71.9970, -35.4945, 44.7296



72.4190, -35.7026, 18.0495

Triad

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



71.9970, -35.4945, 44.7296



63.9560, 6.4307, -56.0894



77.6970, 33.1804, -2.3653

Complementary

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



71.9970, -35.4945, 44.7296



51.0030, 35.4945, -44.7296

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.



65.9180, 44.4104, -57.8101



71.9970, -35.4945, 44.7296



68.5160, 23.9026, -60.0885

Square

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



71.9970, -35.4945, 44.7296



58.1080, -10.8992, -50.9607



70.0610, 37.4379, -61.4435



76.7150, 19.3675, 41.4689

Rectangle

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



71.9970, -35.4945, 44.7296



69.0530, -34.0431, -0.9235



70.0610, 37.4379, -61.4435



73.2320, 38.3396, -23.8825

Sweetspot

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



71.9970, -35.4945, 44.7296



140.7390, -14.1683, 17.7689



44.0730, 9.8240, 69.2190



69.7750, -8.7631, 10.7213



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



71.9970, -35.4945, 44.7296



93.9250, -46.3050, 58.8248



107.8040, -53.1474, 13.3269



58.5550, -1.7526, 2.1443



73.1820, -36.0787, 45.4444



147.5490, -72.7417, 91.6035

Inverse Universe

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



51.0030, 35.4945, -44.7296



66.4880, 46.5944, -58.3100



15.1960, 53.1474, -13.3269



57.4450, 1.7526, -2.1443



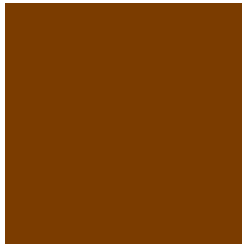
51.8180, 36.0787, -45.4444



104.4510, 72.7417, -91.6035

Previews

White Background



This preview shows how the YUV color 71.9970, -35.4945, 44.7296 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 71.9970, -35.4945, 44.7296 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 71.9970, -35.4945, 44.7296

Background



This preview shows how black text looks on a background with the YUV color 71.9970, -35.4945, 44.7296.



This preview shows how white text looks on a background with the YUV color 71.9970, -35.4945,

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

71.9970, -35.4945, 44.7296

Protanopia

73.3520, -30.7395, 12.8463

Deuteranopia

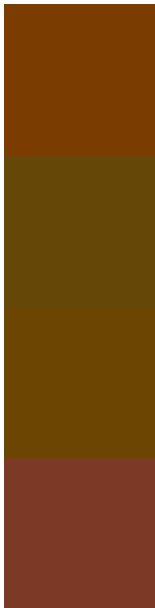
73.0390, -36.0082, 22.7678



Tritanopia

77.0870, -8.4239, 42.0197

Trichromacy



Original Color
71.9970, -35.4945, 44.7296

Protanomaly
72.6740, -32.3773, 24.8419

Deuteranomaly
72.7950, -35.8879, 30.8748

Tritanomaly
74.8670, -18.1754, 43.0896

Monochromacy



Original Color
71.9970, -35.4945, 44.7296

Achromatopsia
72.0000, 0.0000, 0.0000

Achromatomaly
72.3690, -12.9999, 16.3394

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9970, -35.4945, 44.7296 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(123, 60, 0)` looks like.

```
.text, #text, p{  
    color:rgb(123, 60, 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(123, 60, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 60, 0) }
```

Border

The CSS property to change the border of an element to YUV 71.9970, -35.4945, 44.7296 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(123, 60, 0) }
```


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

```
.border{ border-color:rgb(123, 60, 0) }
```

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

Here you see how a box with a 4 pixel rgb(123, 60, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 60, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 60, 0);  
box-shadow:4px 4px 4px 4px rgb(123, 60, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.9970, -35.4945, 44.7296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 60, 0) }
```

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

```
.background{ background-color: rgb(123, 60,  
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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