

Converting Colors

YUV(36.4670, -17.9782,
73.2584)

Have a look what the booklet for
YUV(36.4670, -17.9782, 73.2584)
contains.

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Color

**YUV(36.4670, -17.9782,
73.2584)**

Conversions

Conversions Part 1

Format	Color
Hex	780100
RGB	120, 1, 0
RGB Percent	47%, 0%, 0%
CMY	0.5294, 0.9961, 1.0000
CMYK	0.00, 0.99, 1.00, 0.53
HSL	0°, 100%, 24%
HSV	0°, 100%, 47%
XYZ	7.7566, 4.0148, 0.3661
YIQ	36.4670, 71.2450, 24.9170

Conversions

Conversions Part 2

Format	Color
RYB	120, 1, 0
Decimal	7864576
CIELab	23.72, 45.67, 35.66
CIELCh	24, 57.943, 37.984
Yxy	4.0148, 0.6391, 0.3308
Android (android.graphics.Color)	4286054656 (0xFF780100)
YUV	36.4670, -17.9782, 73.2584
Hunter-Lab	20.0369, 34.0354, 12.9425

Details

The YUV color **36.4670, -17.9782, 73.2584** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **83.5330, 17.9782, -73.2584**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.2190, -25.2510, 72.5989**, and **18.5380, -9.1392, 38.1162** is the 20% darker color. If you saturate the color by 10%, you get **36.4670, -17.9782, 73.2584**, and if you desaturate by 10%, it is **44.8790, -16.2093, 65.8811**.

Distribution



Red (47%)

Green (0%)

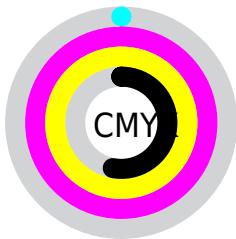
Blue (0%)



Red (47%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (99%)

Yellow (100%)

Black (53%)



Cyan (53%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.4670, -17.9782, 73.2584 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 36.4670, -17.9782, 73.2584 by changing the saturation by 10% instead.


 36.4670, -17.9782,
73.2584


 36.4670, -17.9782,
73.2584


 251.6940,
-12.6671, 2.8994


 27.2090, -13.4140,
55.9447

 97.2190, -25.2510,
72.5989

 18.5380, -9.1392,
38.1162


 124.0730,
-27.1510, 75.3580

 9.6820, -4.2802,
19.5729

 151.9270,
-29.0510, 78.1170


 0.0000, 0.0000,
0.0000


 174.8120,
-28.0083, 70.3249


 193.6250,
-24.4651, 53.8259


 213.1390,


-20.7745, 36.7121


 233.2400,
-17.3733, 19.0835


 36.4670, -17.9782,
73.2584

 44.8790, -16.2093,
65.8811

 53.2910, -14.4405,
58.5038

 61.7030, -12.6716,
51.1265

 70.1150, -10.9027,
43.7491

 77.9400, -8.8444,
36.8866

■ 86.3520, -7.0755,
29.5093

■ 94.7640, -5.3067,
22.1320

■ 103.1760, -3.5378,
14.7546

■ 111.5880, -1.7689,
7.3773

Harmonies

Analogous

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



43.6300, 1.6614, 73.9925



36.4670, -17.9782, 73.2584



52.4720, -25.8687, 37.2971

Triad

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



36.4670, -17.9782, 73.2584



44.5440, -12.1002, -39.0651



51.1630, 46.2616, -44.8700

Complementary

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



36.4670, -17.9782, 73.2584



83.5330, 17.9782, -73.2584

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.



56.8220, 40.0208, -49.8329



36.4670, -17.9782, 73.2584



50.4890, 8.1399, -44.2789

Square

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



36.4670, -17.9782, 73.2584



39.3290, -19.3892, -34.4915



55.3910, 26.9222, -48.5779



56.1160, 34.4528, 9.5453

Rectangle

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



36.4670, -17.9782, 73.2584



53.5250, -26.3878, 17.0796



55.3910, 26.9222, -48.5779



54.0980, 44.8147, -47.4439

Sweetspot

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



36.4670, -17.9782, 73.2584



123.0530, -6.9281, 28.8945



49.5600, 34.7269, 61.7759



59.3720, -4.1274, 17.2138



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



36.4670, -17.9782, 73.2584



47.2310, -23.2849, 95.3904



71.1000, -35.0523, 42.8853



56.7940, -0.8844, 3.6887



37.9620, -18.7153, 76.3323



76.5220, -37.7253, 153.8942

Inverse Universe

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



83.5330, 17.9782, -73.2584



108.1820, 23.5743, -94.8756



48.9000, 35.0523, -42.8853



59.2060, 0.8844, -3.6887



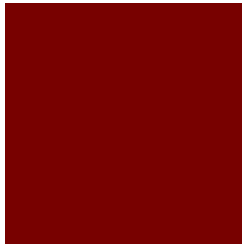
87.0380, 18.7153, -76.3323



175.4780, 37.7253, -153.8942

Previews

White Background



This preview shows how the YUV color 36.4670, -17.9782, 73.2584 looks on a white background.

Color Contrast Check

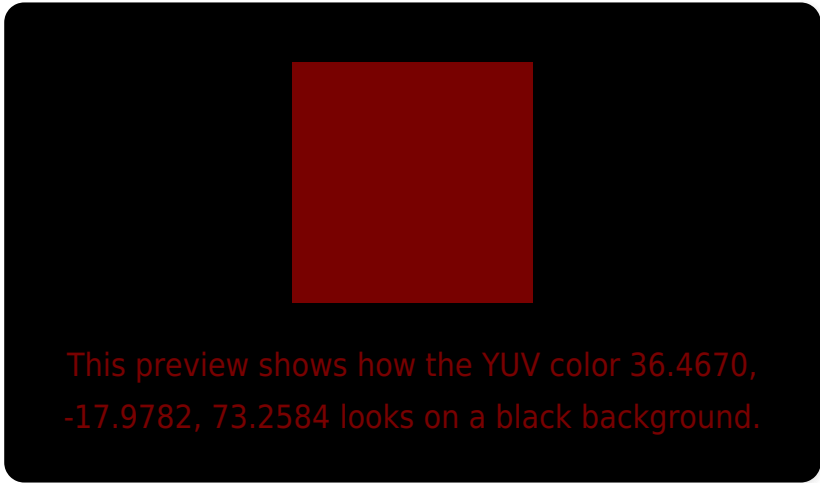
Large Text (above 18pt) WCAG AA ✓ Pass

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

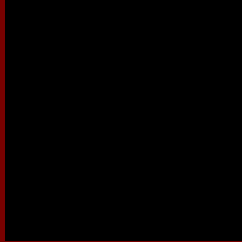
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.4670, -17.9782, 73.2584

Background



This preview shows how black text looks on a background with the YUV color 36.4670, -17.9782, 73.2584.



This preview shows how white text looks on a background with the YUV color 36.4670, -17.9782,

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

36.4670, -17.9782, 73.2584

Protanopia

57.9630, -20.6878, 8.8024

Deuteranopia

56.7700, -27.9876, 16.8647



Tritanopia

42.0380, -20.7247, 67.4957

Trichromacy



Original Color

36.4670, -17.9782, 73.2584

Protanomaly

50.0460, -19.7427, 32.4087

Deuteranomaly

49.2270, -24.2689, 37.5119

Tritanomaly

39.6900, -19.5672, 69.5549

Monochromacy



Original Color

36.4670, -17.9782, 73.2584

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.1560, -6.4859, 27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.4670, -17.9782, 73.2584 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(120, 1, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 1, 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(120, 1, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 1, 0) }
```

Border

The CSS property to change the border of an element to YUV 36.4670, -17.9782, 73.2584 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(120, 1, 0) }
```


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

```
.border{ border-color:rgb(120, 1, 0) }
```

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

Here you see how a box with a 4 pixel rgb(120, 1, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 1, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(120, 1, 0); box-shadow:4px  
4px 4px 4px rgb(120, 1, 0) }
```

Background

The CSS property to change the background color of an element to YUV 36.4670, -17.9782, 73.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 1, 0) }
```

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

```
.background{ background-color: rgb(120, 1,  
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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