

Converting Colors

YUV(16.5590, -7.6706, 33.7128)

Have a look what the booklet for
YUV(16.5590, -7.6706, 33.7128)
contains.

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Color

**YUV(16.5590, -7.6706,
33.7128)**

Conversions

Conversions Part 1

Format	Color
Hex	370001
RGB	55, 0, 1
RGB Percent	22%, 0%, 0%
CMY	0.7843, 1.0000, 0.9961
CMYK	0.00, 1.00, 0.98, 0.78
HSL	359°, 100%, 11%
HSV	359°, 100%, 22%
XYZ	1.5810, 0.8144, 0.1026
YIQ	16.5590, 32.4590, 11.9710

Conversions

Conversions Part 2

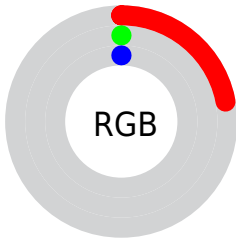
Format	Color
R_{YB}	55, 0, 1
Decimal	3604481
CIE _{Lab}	7.36, 26.96, 11.22
CIE _{LCh}	7, 29.200, 22.589
Yxy	0.8144, 0.6329, 0.3260
Android (android.graphics.Color)	4281794561 (0xFF370001)
YUV	16.5590, -7.6706, 33.7128
Hunter-Lab	9.0245, 15.4790, 5.6432

Details

The YUV color **16.5590, -7.6706, 33.7128** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **38.4410, 7.6706, -33.7128**, and the grayscale version is **17.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.2820, -7.5340, 36.5867**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.5590, -7.6706, 33.7128**, and if you desaturate by 10%, it is **20.0640, -6.9336, 30.6389**.

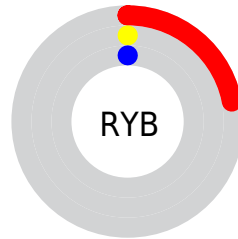
Distribution



Red (22%)

Green (0%)

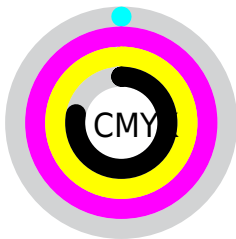
Blue (0%)



Red (22%)

Yellow (0%)

Blue (0%)

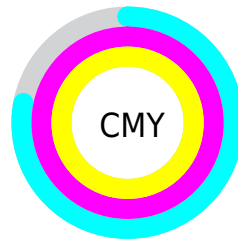


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (78%)



Cyan (78%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 16.5590, -7.6706, 33.7128 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 16.5590, -7.6706, 33.7128 by changing the saturation by 10% instead.

■ 16.5590, -7.6706,
33.7128

■ 16.5590, -7.6706,
33.7128

■ 235.9590, -4.4168,
16.6990

■ 8.7850, -3.8380,
17.7286

■ 64.2820, -7.5340,
36.5867

■ 0.0000, 0.0000,
0.0000

■ 88.6520, -8.7024,
38.0162

■ 113.8480, -9.2921,
40.4753

■ 139.6310,
-10.1711, 42.4196

■ 166.5280,
-10.6133, 44.2639

■ 194.1260,

-10.9081, 45.4935

■ 216.3310, -8.5442,
33.9127

■ 16.5590, -7.6706,
33.7128

■ 20.0640, -6.9336,
30.6389

■ 24.2700, -6.0491,
26.9502

■ 28.3620, -5.6015,
23.3615

■ 31.9810, -4.4276,
20.1877

■ 36.0730, -3.9800,
16.5990

■ 39.5780, -3.2430,
13.5251

■ 43.7840, -2.3585,
9.8364

■ 47.2890, -1.6215,
6.7625

■ 51.4950, -0.7370,
3.0739

Harmonies

Analogous

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



19.0390, 4.4178, 29.7838



16.5590, -7.6706, 33.7128



19.9230, -9.8220, 23.7465

Triad

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



16.5590, -7.6706, 33.7128



17.6100, -8.6817, -15.4440



22.2160, 19.1205, -19.4834

Complementary

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



16.5590, -7.6706, 33.7128



38.4410, 7.6706, -33.7128

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.



24.2390, 14.1792, -21.2576



16.5590, -7.6706, 33.7128



21.0810, -2.9979, -18.4880

Square

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



16.5590, -7.6706, 33.7128



18.8500, -9.2930, -6.0074



23.4750, 6.1748, -20.5876



19.2600, 19.0988, -12.5060

Rectangle

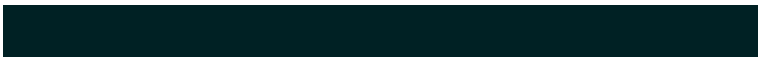
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.5590, -7.6706, 33.7128



21.3410, -10.5211, 14.6099



23.4750, 6.1748, -20.5876



23.1620, 17.6681, -20.3131

Sweetspot

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



16.5590, -7.6706, 33.7128



56.2790, -3.0955, 12.9103



22.1170, 16.2113, 27.0844



26.8870, -1.9163, 7.9921



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



16.5590, -7.6706, 33.7128



21.3430, -10.0291, 43.5492



31.7070, -15.6316, 20.4280



25.8970, -0.4422, 1.8443



27.7360, -12.6878, 56.3595



65.9370, -30.5349, 134.2363

Inverse Universe

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



16.5590, -7.6706, 33.7128



21.3430, -10.0291, 43.5492



23.2930, 15.6316, -20.4280



25.8970, -0.4422, 1.8443



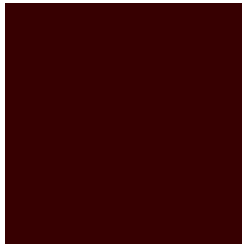
27.7360, -12.6878, 56.3595



65.9370, -30.5349, 134.2363

Previews

White Background



This preview shows how the YUV color 16.5590, -7.6706, 33.7128 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

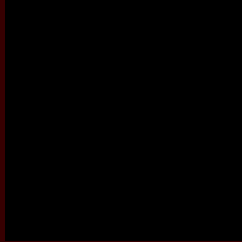
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 16.5590, -7.6706, 33.7128

Background



This preview shows how black text looks on a background with the YUV color 16.5590, -7.6706, 33.7128.

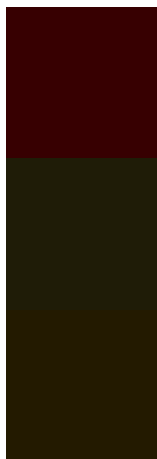


This preview shows how white text looks on a background with the YUV color 16.5590, -7.6706,

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

16.5590, -7.6706, 33.7128

Protanopia

26.5030, -9.6150, 3.9439

Deuteranopia

25.7270, -12.6834, 8.1324



Tritanopia

19.3800, -9.5543, 31.2387

Trichromacy



Original Color

16.5590, -7.6706, 33.7128

Protanomaly

23.0960, -8.9213, 14.8248

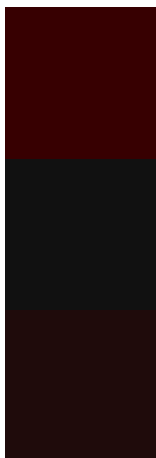
Deuteranomaly

22.5370, -11.1107, 17.0691

Tritanomaly

18.2060, -8.9756, 32.2683

Monochromacy



Original Color

16.5590, -7.6706, 33.7128

Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

16.9800, -2.9481, 12.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 16.5590, -7.6706, 33.7128 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(55, 0, 1)` looks like.

```
.text, #text, p{  
    color:rgb(55, 0, 1)  
}
```

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(55, 0, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 0, 1) }
```

Border

The CSS property to change the border of an element to YUV 16.5590, -7.6706, 33.7128 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(55, 0, 1) }
```


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

```
.border{ border-color:rgb(55, 0, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 0, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 0, 1); box-shadow:4px  
4px 4px 4px rgb(55, 0, 1) }
```

Background

The CSS property to change the background color of an element to YUV 16.5590, -7.6706, 33.7128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 0, 1) }
```

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

```
.background{ background-color: rgb(55, 0,  
1) }
```

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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