

Converting Colors

YUV(37.8900, -16.2148,
67.6255)

Have a look what the booklet for
YUV(37.8900, -16.2148, 67.6255)
contains.

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Color

**YUV(37.8900, -16.2148,
67.6255)**

Conversions

Conversions Part 1

Format	Color
Hex	730505
RGB	115, 5, 5
RGB Percent	45%, 2%, 2%
CMY	0.5490, 0.9804, 0.9804
CMYK	0.00, 0.96, 0.96, 0.55
HSL	0°, 92%, 24%
HSV	0°, 96%, 45%
XYZ	7.1519, 3.7643, 0.4932
YIQ	37.8900, 65.5600, 23.3200

Conversions

Conversions Part 2

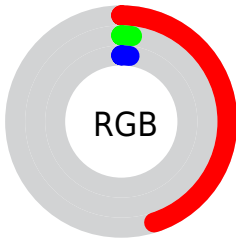
Format	Color
RYB	115, 5, 5
Decimal	7537925
CIELab	22.88, 43.52, 32.39
CIELCh	23, 54.247, 36.658
Yxy	3.7643, 0.6268, 0.3299
Android (android.graphics.Color)	4285728005 (0xFF730505)
YUV	37.8900, -16.2148, 67.6255
Hunter-Lab	19.4019, 31.8450, 12.0741

Details

The YUV color **37.8900, -16.2148, 67.6255** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **82.1100, 16.2148, -67.6255**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.8810, -22.6193, 68.5104**, and **17.7550, -8.2602, 36.1719** is the 20% darker color. If you saturate the color by 10%, you get **34.3850, -16.9518, 70.6994**, and if you desaturate by 10%, it is **45.6010, -14.5933, 60.8629**.

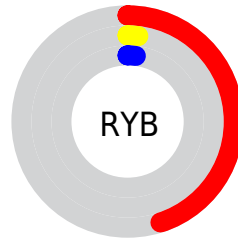
Distribution



Red (45%)

Green (2%)

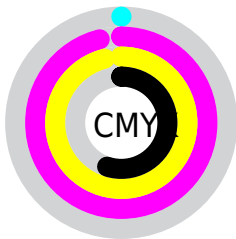
Blue (2%)



Red (45%)

Yellow (2%)

Blue (2%)

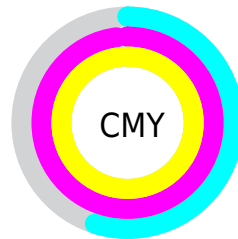


Cyan (0%)

Magenta (96%)

Yellow (96%)

Black (55%)



Cyan (55%)


Magenta (98%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 37.8900, -16.2148, 67.6255 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 37.8900, -16.2148, 67.6255 by changing the saturation by 10% instead.


 37.8900, -16.2148,
67.6255


 37.8900, -16.2148,
67.6255


 252.1500,
-10.9200, 2.4994

 25.7140, -12.6770,
52.8708


 95.8810, -22.6193,
68.5104


 17.7550, -8.2602,
36.1719


 122.7350,
-24.5194, 71.2694

 7.8880, -3.3958,
15.8842

 150.5890,
-26.4194, 74.0284


 0.0000, 0.0000,
0.0000


 175.2680,
-26.2611, 69.9250


 194.0810,
-22.7179, 53.4260


 213.5950,


-19.0273, 36.3122


 233.6960,
-15.6261, 18.6836


 37.8900, -16.2148,
67.6255


 37.8900, -16.2148,
67.6255


 34.3850, -16.9518,
70.6994

 45.6010, -14.5933,
60.8629

 54.0130, -12.8244,
53.4856

 61.7240, -11.2029,
46.7231

 70.1360, -9.4340,
39.3457

 78.5480, -7.6652,
31.9684

■ 86.2590, -6.0437,
25.2059

■ 94.6710, -4.2748,
17.8285

■ 102.3820, -2.6533,
11.0660

■ 110.7940, -0.8844,
3.6887

Harmonies

Analogous

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



41.9500, 2.9826, 70.2039



37.8900, -16.2148, 67.6255



51.2870, -25.2845, 36.5823

Triad

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



37.8900, -16.2148, 67.6255



42.6690, -11.6688, -37.4207



49.6640, 43.0566, -43.5553

Complementary

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



37.8900, -16.2148, 67.6255



82.1100, 16.2148, -67.6255

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.



54.1490, 37.3945, -47.4887



37.8900, -16.2148, 67.6255



48.2720, 7.2609, -42.3345

Square

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



37.8900, -16.2148, 67.6255



41.1450, -20.2845, -27.3142



52.8320, 24.7328, -46.3337



54.6380, 32.7165, 6.4565

Rectangle

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



37.8900, -16.2148, 67.6255



52.0520, -25.6616, 17.4944



52.8320, 24.7328, -46.3337



52.0120, 41.8991, -45.6145

Sweetspot

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



37.8900, -16.2148, 67.6255



119.8570, -6.3385, 26.4354



50.4300, 31.8330, 56.6279



58.0730, -3.9800, 16.5990



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



37.8900, -16.2148, 67.6255



44.8500, -22.1110, 92.2166



70.1750, -32.1313, 39.3115



54.7940, -0.8844, 3.6887



36.4780, -17.9837, 75.0028



74.7500, -36.8518, 153.6943

Inverse Universe

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



82.1100, 16.2148, -67.6255



105.1500, 22.1110, -92.2166



49.8250, 32.1313, -39.3115



57.2060, 0.8844, -3.6887



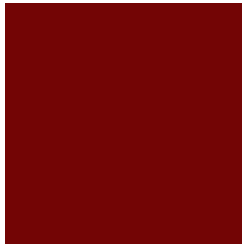
85.5220, 17.9837, -75.0028



175.2500, 36.8518, -153.6943

Previews

White Background



This preview shows how the YUV color 37.8900, -16.2148, 67.6255 looks on a white background.

Color Contrast Check

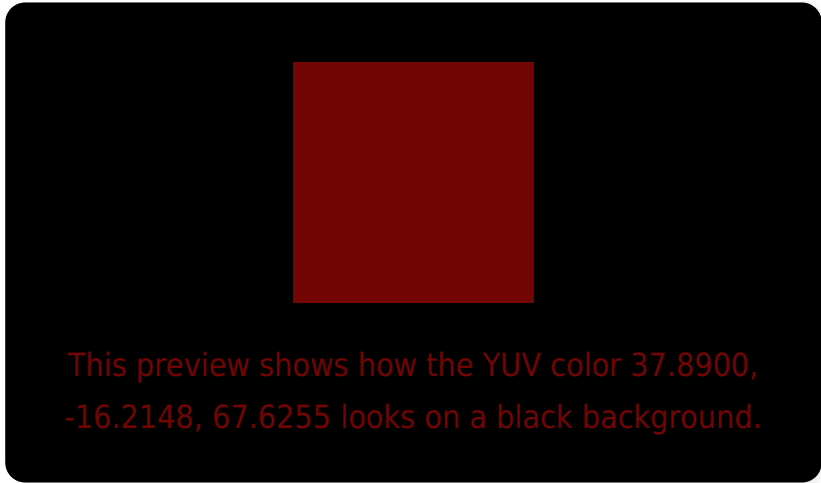
Large Text (above 18pt) WCAG AA ✓ Pass

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

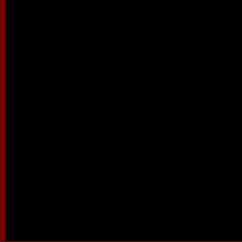
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.8900, -16.2148, 67.6255

Background



This preview shows how black text looks on a background with the YUV color 37.8900, -16.2148, 67.6255.



This preview shows how white text looks on a background with the YUV color 37.8900, -16.2148,

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

37.8900, -16.2148, 67.6255

Protanopia

55.3050, -19.3774, 8.5025

Deuteranopia

54.1120, -26.6772, 16.5648



Tritanopia

40.5430, -19.9877, 64.4218

Trichromacy



Original Color

37.8900, -16.2148, 67.6255

Protanomaly

49.0780, -18.2795, 29.7496

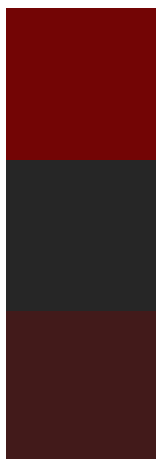
Deuteranomaly

48.2590, -22.8057, 34.8529

Tritanomaly

39.5970, -18.5353, 65.2514

Monochromacy



Original Color

37.8900, -16.2148, 67.6255

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9600, -5.8963, 24.5911

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.8900, -16.2148, 67.6255 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(115, 5, 5)` looks like.

```
.text, #text, p{  
    color:rgb(115, 5, 5)  
}
```

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(115, 5, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 5, 5) }
```

Border

The CSS property to change the border of an element to YUV 37.8900, -16.2148, 67.6255 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(115, 5, 5) }
```


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

```
.border{ border-color:rgb(115, 5, 5) }
```

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

Here you see how a box with a 4 pixel rgb(115, 5, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 5, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(115, 5, 5); box-shadow:4px  
4px 4px 4px rgb(115, 5, 5) }
```

Background

The CSS property to change the background color of an element to YUV 37.8900, -16.2148, 67.6255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 5, 5) }
```

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

```
.background{ background-color: rgb(115, 5,  
5) }
```

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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