

Converting Colors

YUV(42.8240, -16.1822,
57.1594)

Have a look what the booklet for
YUV(42.8240, -16.1822, 57.1594)
contains.

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Color

**YUV(42.8240, -16.1822,
57.1594)**

Conversions

Conversions Part 1

Format	Color
Hex	6C100A
RGB	108, 16, 10
RGB Percent	42%, 6%, 4%
CMY	0.5765, 0.9373, 0.9608
CMYK	0.00, 0.85, 0.91, 0.58
HSL	4°, 83%, 23%
HSV	4°, 91%, 42%
XYZ	6.4244, 3.5806, 0.6397
YIQ	42.8240, 56.7580, 17.6380

Conversions

Conversions Part 2

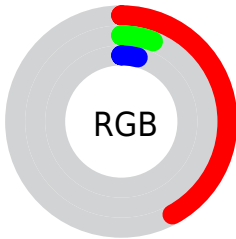
Format	Color
R_{YB}	108, 16, 10
Decimal	7081994
CIE Lab	22.23, 38.87, 29.18
CIE LCh	22, 48.610, 36.897
Yxy	3.5806, 0.6035, 0.3364
Android (android.graphics.Color)	4285272074 (0xFF6C100A)
YUV	42.8240, -16.1822, 57.1594
Hunter-Lab	18.9226, 27.4881, 11.2415

Details

The YUV color **42.8240, -16.1822, 57.1594** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **75.1760, 16.1822, -57.1594**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.2930, -20.8504, 61.1330**, and **15.9610, -7.3758, 32.4832** is the 20% darker color. If you saturate the color by 10%, you get **36.4010, -17.9457, 62.7923**, and if you desaturate by 10%, it is **49.9480, -14.2714, 50.9116**.

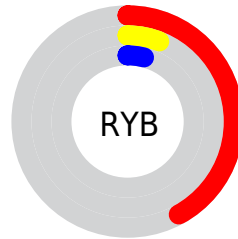
Distribution



Red (42%)

Green (6%)

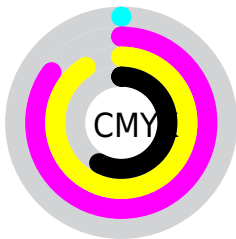
Blue (4%)



Red (42%)

Yellow (6%)

Blue (4%)

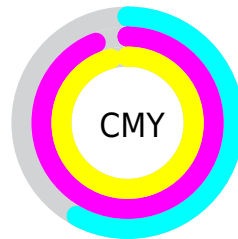


Cyan (0%)

Magenta (85%)

Yellow (91%)

Black (58%)



Cyan (58%)


Magenta (94%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 42.8240, -16.1822, 57.1594 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 42.8240, -16.1822, 57.1594 by changing the saturation by 10% instead.


 42.8240, -16.1822,
57.1594


 42.8240, -16.1822,
57.1594


 252.7200, -8.7360,
1.9996


 23.9200, -11.7926,
49.1822

 96.2930, -20.8504,
61.1330

 15.9610, -7.3758,
32.4832


 123.1470,
-22.7505, 63.8921

 4.1860, -2.0637,
8.6069

 150.1150,
-24.2137, 66.5511


 0.0000, 0.0000,
0.0000


 176.8980,
-25.0927, 68.4955


 196.2980,
-21.8389, 51.4817


 215.8120,


-18.1483, 34.3679


 235.3260,
-14.4577, 17.2541


 42.8240, -16.1822,
57.1594


 42.8240, -16.1822,
57.1594


 36.4010, -17.9457,
62.7923

 49.9480, -14.2714,
50.9116

 57.0720, -12.3605,
44.6639

 64.0820, -10.8864,
38.5161

 71.7930, -9.2649,
31.7535

 78.9170, -7.3541,
25.5058

■ 86.0410, -5.4432,
19.2580

■ 93.1650, -3.5323,
13.0103

■ 100.1750, -2.0583,
6.8625

■ 107.2990, -0.1474,
0.6148

Harmonies

Analogous

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



39.4440, 3.7251, 65.3856



42.8240, -16.1822, 57.1594



49.7920, -24.5475, 33.5084

Triad

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



42.8240, -16.1822, 57.1594



41.2500, -9.4902, -36.1763



47.2360, 38.8307, -41.4260

Complementary

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



42.8240, -16.1822, 57.1594



75.1760, 16.1822, -57.1594

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.



51.2480, 33.8947, -44.9445



42.8240, -16.1822, 57.1594



46.8700, 6.9661, -41.1050

Square

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



42.8240, -16.1822, 57.1594



42.0750, -20.7430, -20.2368



50.8600, 22.2540, -44.6042



53.9000, 28.6433, 6.2267

Rectangle

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



42.8240, -16.1822, 57.1594



50.8670, -25.0774, 16.7796



50.8600, 22.2540, -44.6042



48.9970, 37.9625, -42.9704

Sweetspot

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



42.8240, -16.1822, 57.1594



115.1230, -6.4696, 21.8171



49.9040, 26.1763, 50.9502



56.1650, -3.5323, 13.0103



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



42.8240, -16.1822, 57.1594



47.1430, -23.2415, 81.4356



71.0000, -30.0730, 32.4490



50.3810, -1.1738, 3.1739



39.0920, -19.2724, 68.3253



82.0600, -40.4556, 142.8984

Inverse Universe

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



75.1760, 16.1822, -57.1594



93.4440, 22.9521, -81.9504



47.0000, 30.0730, -32.4490



51.6190, 1.1738, -3.1739



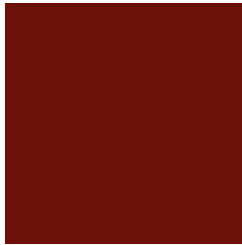
77.9080, 19.2724, -68.3253



162.9400, 40.4556, -142.8984

Previews

White Background



This preview shows how the YUV color 42.8240, -16.1822, 57.1594 looks on a white background.

Color Contrast Check

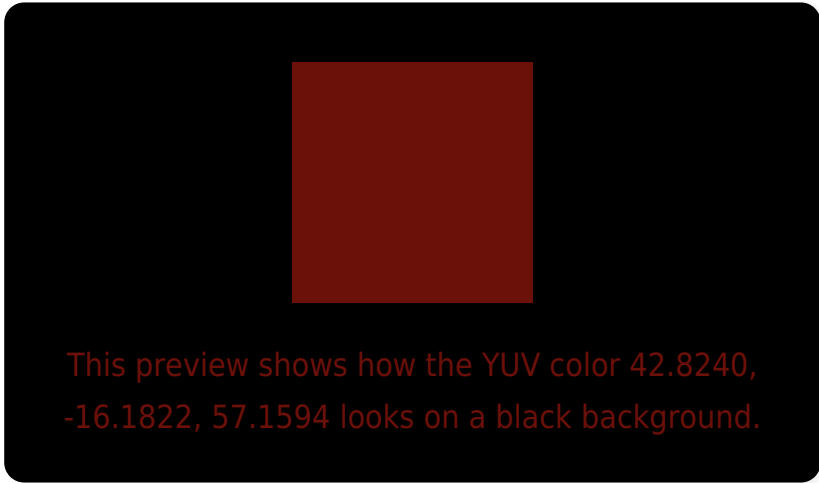
Large Text (above 18pt) WCAG AA ✓ Pass

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

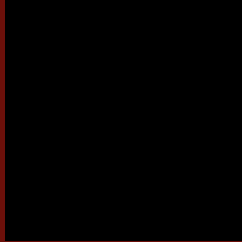
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.8240, -16.1822, 57.1594

Background



This preview shows how black text looks on a background with the YUV color 42.8240, -16.1822, 57.1594.



This preview shows how white text looks on a background with the YUV color 42.8240, -16.1822,

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

42.8240, -16.1822, 57.1594

Protanopia

53.5760, -17.0460, 7.3878

Deuteranopia

52.0410, -25.6562, 15.7500



Tritanopia

43.2800, -14.4350, 56.7594

Trichromacy



Original Color

42.8240, -16.1822, 57.1594

Protanomaly

49.5120, -16.5214, 25.8610

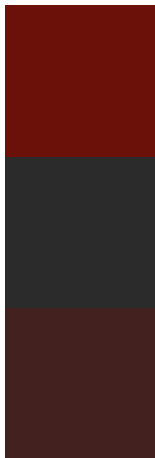
Deuteranomaly

49.0520, -22.2106, 30.6494

Tritanomaly

43.1660, -14.8718, 56.8594

Monochromacy



Original Color

42.8240, -16.1822, 57.1594

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.9380, -5.8854, 21.1024

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.8240, -16.1822, 57.1594 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(108, 16, 10)` looks like.

```
.text, #text, p{  
    color:rgb(108, 16, 10)  
}
```

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(108, 16, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 16, 10) }
```

Border

The CSS property to change the border of an element to YUV 42.8240, -16.1822, 57.1594 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(108, 16, 10) }
```


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

```
.border{ border-color:rgb(108, 16, 10) }
```

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

Here you see how a box with a 4 pixel rgb(108, 16, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 16, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 16, 10);  
box-shadow:4px 4px 4px 4px rgb(108, 16,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 42.8240, -16.1822, 57.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 16, 10) }
```

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

```
.background{ background-color: rgb(108, 16,  
10) }
```

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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