

Converting Colors

YUV(42.6010, -14.5933,
60.8629)

Have a look what the booklet for
YUV(42.6010, -14.5933, 60.8629)
contains.

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Color

**YUV(42.6010, -14.5933,
60.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	700D0D
RGB	112, 13, 13
RGB Percent	44%, 5%, 5%
CMY	0.5608, 0.9490, 0.9490
CMYK	0.00, 0.88, 0.88, 0.56
HSL	0°, 79%, 25%
HSV	0°, 88%, 44%
XYZ	6.8987, 3.7617, 0.7432
YIQ	42.6010, 59.0040, 20.9880

Conversions

Conversions Part 2

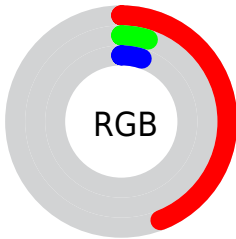
Format	Color
RYB	112, 13, 13
Decimal	7343373
CIELab	22.87, 41.04, 28.80
CIELCh	23, 50.131, 35.058
Yxy	3.7617, 0.6050, 0.3299
Android (android.graphics.Color)	4285533453 (0xFF700D0D)
YUV	42.6010, -14.5933, 60.8629
Hunter-Lab	19.3950, 29.5500, 11.3044

Details

The YUV color **42.6010, -14.5933, 60.8629** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **82.3990, 14.5933, -60.8629**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.1300, -20.2771, 63.9070**, and **17.0430, -8.4022, 35.0423** is the 20% darker color. If you saturate the color by 10%, you get **34.8900, -16.2148, 67.6255**, and if you desaturate by 10%, it is **50.3120, -12.9718, 54.1004**.

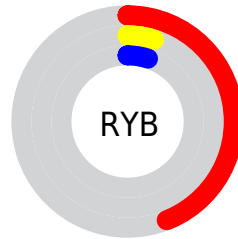
Distribution



Red (44%)

Green (5%)

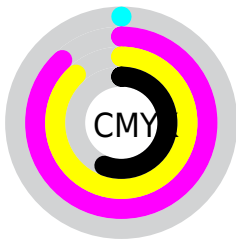
Blue (5%)



Red (44%)

Yellow (5%)

Blue (5%)

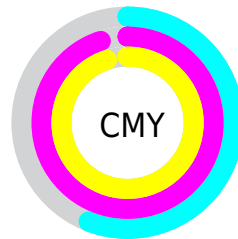


Cyan (0%)

Magenta (88%)

Yellow (88%)

Black (56%)



Cyan (56%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.6010, -14.5933, 60.8629 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 42.6010, -14.5933, 60.8629 by changing the saturation by 10% instead.

42.6010, -14.5933,
60.8629

42.6010, -14.5933,
60.8629

252.9480, -7.8624,
1.7996

25.1160, -12.3822,
51.6413

97.1300, -20.2771,
63.9070

17.0430, -8.4022,
35.0423

123.9840,
-22.1771, 66.6660

6.5780, -3.2430,
13.5251

151.2510,
-23.7877, 69.9399


0.0000, 0.0000,
0.0000


177.2400,
-23.7823, 68.1955


196.6400,
-20.5285, 51.1817


216.0400,


-17.2747, 34.1679


 235.6680,
-13.1473, 16.9542


 42.6010, -14.5933,
60.8629


 42.6010, -14.5933,
60.8629


 34.8900, -16.2148,
67.6255


 50.3120, -12.9718,
54.1004

 33.4880, -16.5096,
68.8550

 58.0230, -11.3503,
47.3378

 66.4350, -9.5815,
39.9605

 74.1460, -7.9600,
33.1980

 81.8570, -6.3385,
26.4354

■ 89.5680, -4.7170,
19.6729

■ 97.2790, -3.0955,
12.9103

■ 105.6910, -1.3267,
5.5330

■ 113.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



40.6830, 4.5933, 66.9300



42.6010, -14.5933, 60.8629



50.9880, -25.1371, 35.9675

Triad

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



42.6010, -14.5933, 60.8629



42.1960, -10.9426, -37.0059



48.8660, 39.9991, -42.8555

Complementary

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



42.6010, -14.5933, 60.8629



82.3990, 14.5933, -60.8629

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.



53.3510, 34.3370, -46.7888



42.6010, -14.5933, 60.8629



47.9300, 5.9505, -42.0346

Square

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



42.6010, -14.5933, 60.8629



44.1460, -21.7640, -19.4220



52.1480, 22.1120, -45.7338



55.0460, 30.5433, 3.4677

Rectangle

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



42.6010, -14.5933, 60.8629



51.7640, -25.5197, 18.6240



52.1480, 22.1120, -45.7338



51.2140, 38.8415, -44.9147

Sweetspot

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



42.6010, -14.5933, 60.8629



117.6610, -5.7489, 23.9763



53.8870, 28.6497, 50.9651



57.1760, -3.5378, 14.7546



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



42.6010, -14.5933, 60.8629



43.3550, -21.3740, 89.1427



71.3640, -28.7735, 35.6378



51.7940, -0.8844, 3.6887



35.8800, -17.6888, 73.7732



73.8530, -36.4095, 151.8499

Inverse Universe

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



82.3990, 14.5933, -60.8629



101.6450, 21.3740, -89.1427



53.0490, 29.0628, -35.1230



54.2060, 0.8844, -3.6887



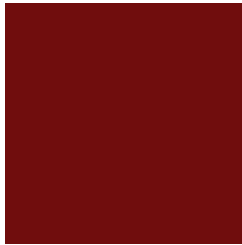
84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Previews

White Background



This preview shows how the YUV color 42.6010, -14.5933, 60.8629 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

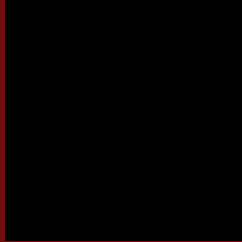
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.6010, -14.5933, 60.8629

Background



This preview shows how black text looks on a background with the YUV color 42.6010, -14.5933, 60.8629.



This preview shows how white text looks on a background with the YUV color 42.6010, -14.5933,

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

42.6010, -14.5933, 60.8629

Protanopia

55.1030, -16.3198, 7.8027

Deuteranopia

53.2260, -26.2404, 16.4648



Tritanopia

42.2590, -15.9037, 61.1629

Trichromacy



Original Color

42.6010, -14.5933, 60.8629

Protanomaly

50.4520, -15.5058, 26.7906

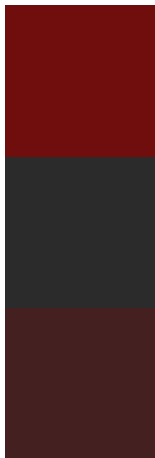
Deuteranomaly

49.4760, -21.9267, 32.9085

Tritanomaly

42.3730, -15.4669, 61.0629

Monochromacy



Original Color

42.6010, -14.5933, 60.8629

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.7640, -5.3067, 22.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.6010, -14.5933, 60.8629 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(112, 13, 13)` looks like.

```
.text, #text, p{  
    color:rgb(112, 13, 13)  
}
```

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(112, 13, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 13, 13) }
```

Border

The CSS property to change the border of an element to YUV 42.6010, -14.5933, 60.8629 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(112, 13, 13) }
```


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

```
.border{ border-color:rgb(112, 13, 13) }
```

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

Here you see how a box with a 4 pixel rgb(112, 13, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 13, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 13, 13);  
box-shadow:4px 4px 4px 4px rgb(112, 13,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 42.6010, -14.5933, 60.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 13, 13) }
```

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

```
.background{ background-color: rgb(112, 13,  
13) }
```

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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