

Converting Colors

YUV(61.7400, -28.4658,
123.8850)

Have a look what the booklet for
YUV(61.7400, -28.4658, 123.8850)
contains.

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Color

**YUV(61.7400, -28.4658,
123.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	CB0104
RGB	203, 1, 4
RGB Percent	80%, 0%, 2%
CMY	0.2039, 0.9961, 0.9843
CMYK	0.00, 1.00, 0.98, 0.20
HSL	359°, 99%, 40%
HSV	359°, 100%, 80%
XYZ	24.6614, 12.7270, 1.2716
YIQ	61.7400, 119.4290, 43.7570

Conversions

Conversions Part 2

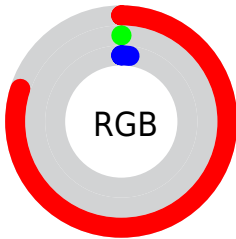
Format	Color
RYB	203, 1, 4
Decimal	13304068
CIELab	42.35, 67.40, 55.23
CIElCh	42, 87.137, 39.329
Yxy	12.7270, 0.6379, 0.3292
Android (android.graphics.Color)	4291494148 (0xFFCB0104)
YUV	61.7400, -28.4658, 123.8850
Hunter-Lab	35.6749, 60.9625, 22.8591

Details

The YUV color **61.7400, -28.4658, 123.8850** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **142.2600, 28.4658, -123.8850**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4100, -38.1631, 107.5114**, and **41.2620, -20.3422, 84.8392** is the 20% darker color. If you saturate the color by 10%, you get **61.0390, -28.6132, 124.4998**, and if you desaturate by 10%, it is **75.7600, -25.5177, 111.5895**.

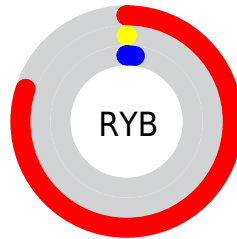
Distribution



Red (80%)

Green (0%)

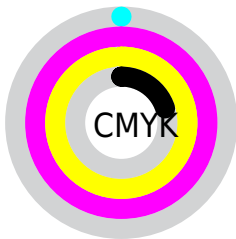
Blue (2%)



Red (80%)

Yellow (0%)

Blue (2%)

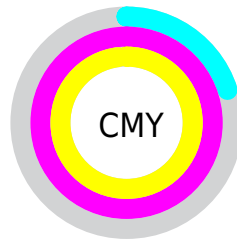


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (20%)



Cyan (20%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 61.7400, -28.4658, 123.8850 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 61.7400, -28.4658, 123.8850 by changing the saturation by 10% instead.


 61.7400, -28.4658,
123.8850

 61.7400, -28.4658,
123.8850


 253.4040, -6.1152,
1.3997


 51.1290, -25.2066,
105.1269


 132.4100,
-38.1631, 107.5114


 41.2620, -20.3422,
84.8392


 152.8700,
-35.9249, 89.5680


 31.6940, -15.6251,
65.1664

 172.7430,
-33.3973, 72.1394

 23.3650, -10.0399,
47.0379

 192.7300,
-30.4329, 54.6108


 13.9820, -5.9071,
28.0798


 212.7170,
-27.4685, 37.0822


 0.0000, 0.0000,
0.0000


 233.5190,


-23.9199, 18.8388


 250.2120,
-18.3455, 4.1991

 61.7400, -28.4658,
123.8850


 61.7400, -28.4658,
123.8850


 61.0390, -28.6132,
124.4998

 75.7600, -25.5177,
111.5895

 90.3670, -22.8589,
98.7791

 104.3870,
-19.9108, 86.4836

 118.4070,
-16.9627, 74.1881

 132.4270,
-14.0145, 61.8925

■ 147.0340,
-11.3558, 49.0822

■ 161.0540, -8.4076,
36.7866

■ 175.0740, -5.4595,
24.4911

■ 189.6810, -2.8007,
11.6808

Harmonies

Analogous

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



74.8290, 3.5353, 126.4380



61.7400, -28.4658, 123.8850



92.7510, -45.7262, 59.8544

Triad

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



61.7400, -28.4658, 123.8850



78.3910, -16.9548, -68.7489



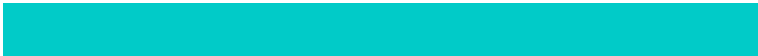
88.9780, 76.9188, -78.0337

Complementary

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



61.7400, -28.4658, 123.8850



142.2600, 28.4658, -123.8850

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.



98.6320, 68.2154, -86.5003



61.7400, -28.4658, 123.8850



88.4570, 16.5367, -77.5768

Square

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



61.7400, -28.4658, 123.8850



69.8530, -34.4375, -61.2611



96.9100, 46.3864, -84.9901



98.9150, 56.2439, 20.2455

Rectangle

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



61.7400, -28.4658, 123.8850



94.0150, -46.3494, 26.2968



96.9100, 46.3864, -84.9901



93.3150, 75.7667, -81.8373

Sweetspot

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



61.7400, -28.4658, 123.8850



201.8380, -10.7661, 46.6231



83.5290, 58.8992, 102.1451



95.7540, -6.7807, 28.2797



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



61.7400, -28.4658, 123.8850



76.7010, -35.8416, 156.3682



118.9240, -58.1365, 73.7347



94.9900, -1.4741, 6.1478



49.8620, -23.5960, 101.8530



11.4760, -5.1647, 23.2615

Inverse Universe

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



61.7400, -28.4658, 123.8850



76.7010, -35.8416, 156.3682



85.0760, 58.1365, -73.7347



94.9900, -1.4741, 6.1478



49.8620, -23.5960, 101.8530



11.4760, -5.1647, 23.2615

Previews

White Background



This preview shows how the YUV color 61.7400, -28.4658, 123.8850 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61.7400, -28.4658, 123.8850

Background



This preview shows how black text looks on a background with the YUV color 61.7400, -28.4658, 123.8850.



This preview shows how white text looks on a background with the YUV color 61.7400, -28.4658,

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

61.7400, -28.4658, 123.8850

Protanopia

97.9240, -34.9655, 14.9757

Deuteranopia

95.5100, -47.0864, 29.3707



Tritanopia

71.2520, -35.1272, 113.7890

Trichromacy



Original Color

61.7400, -28.4658, 123.8850

Protanomaly

84.8610, -32.4695, 54.4959

Deuteranomaly

83.1520, -40.5009, 63.8877

Tritanomaly

67.5560, -32.8121, 117.9074

Monochromacy



Original Color

61.7400, -28.4658, 123.8850

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9410, -10.3239, 44.7787

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7400, -28.4658, 123.8850 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(203, 1, 4)` looks like.

```
.text, #text, p{  
    color:rgb(203, 1, 4)  
}
```

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(203, 1, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 1, 4) }
```

Border

The CSS property to change the border of an element to YUV 61.7400, -28.4658, 123.8850 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(203, 1, 4) }
```


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

```
.border{ border-color:rgb(203, 1, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 1, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 1, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(203, 1, 4); box-shadow:4px  
4px 4px 4px rgb(203, 1, 4) }
```

Background

The CSS property to change the background color of an element to YUV 61.7400, -28.4658, 123.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 1, 4) }
```

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

```
.background{ background-color: rgb(203, 1,  
4) }
```

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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