

Converting Colors

YUV(60.6260, -28.9026,
123.9850)

Have a look what the booklet for
YUV(60.6260, -28.9026, 123.9850)
contains.

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Color

**YUV(60.6260, -28.9026,
123.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	CA0002
RGB	202, 0, 2
RGB Percent	79%, 0%, 1%
CMY	0.2078, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.99, 0.21
HSL	359°, 100%, 40%
HSV	359°, 100%, 79%
XYZ	24.3681, 12.5609, 1.1976
YIQ	60.6260, 119.7500, 43.4460

Conversions

Conversions Part 2

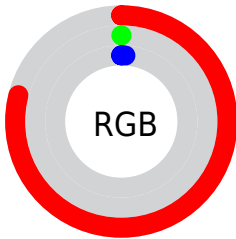
Format	Color
RYB	202, 0, 2
Decimal	13238274
CIELab	42.09, 67.23, 55.68
CIELCh	42, 87.297, 39.633
Yxy	12.5609, 0.6391, 0.3295
Android (android.graphics.Color)	4291428354 (0xFFCA0002)
YUV	60.6260, -28.9026, 123.9850
Hunter-Lab	35.4414, 60.7069, 22.8055

Details

The YUV color **60.6260, -28.9026, 123.9850** 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 **141.3740, 28.9026, -123.9850**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.2960, -38.5999, 107.6114**, and **40.9630, -20.1948, 84.2244** is the 20% darker color. If you saturate the color by 10%, you get **60.6260, -28.9026, 123.9850**, and if you desaturate by 10%, it is **74.6460, -25.9545, 111.6895**.

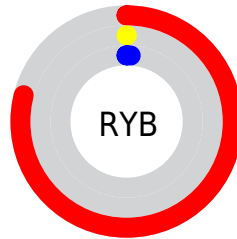
Distribution



Red (79%)

Green (0%)

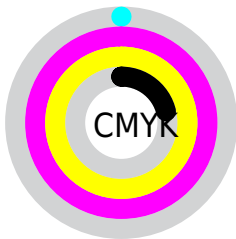
Blue (1%)



Red (79%)

Yellow (0%)

Blue (1%)

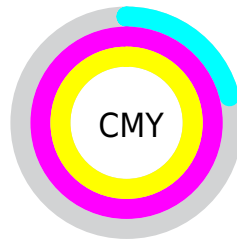


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (21%)



Cyan (21%)


Magenta (100%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 60.6260, -28.9026, 123.9850 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 60.6260, -28.9026, 123.9850 by changing the saturation by 10% instead.


 60.6260, -28.9026,
123.9850


 60.6260, -28.9026,
123.9850


 253.2900, -6.5520,
1.4997


 50.8300, -25.0592,
104.5121


 132.2960,
-38.5999, 107.6114


 40.9630, -20.1948,
84.2244


 152.0550,
-36.5091, 90.2828


 31.6940, -15.6251,
65.1664

 171.9280,
-33.9815, 72.8541

 23.0660, -9.8925,
46.4231

 191.9150,
-31.0171, 55.3255

 13.5690, -6.1965,
27.5650


 212.6030,
-27.9053, 37.1822

 0.0000, 0.0000,
0.0000


 232.7040,


-24.5041, 19.5536


 249.9840,
-19.2191, 4.3990


 60.6260, -28.9026,
123.9850

 74.6460, -25.9545,
111.6895

 88.6660, -23.0063,
99.3939

 103.2730,
-20.3476, 86.5836

 117.2930,
-17.3994, 74.2880

 131.3130,
-14.4513, 61.9925

■ 145.3330,
-11.5032, 49.6970

■ 159.3530, -8.5550,
37.4014

■ 173.9600, -5.8963,
24.5911

■ 187.9800, -2.9481,
12.2955

Harmonies

Analogous

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



74.3020, 2.8091, 126.0231



60.6260, -28.9026, 123.9850



92.4520, -45.5788, 59.2396

Triad

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



60.6260, -28.9026, 123.9850



77.8040, -16.6654, -68.2341



88.3910, 77.2082, -77.5189

Complementary

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



60.6260, -28.9026, 123.9850



141.3740, 28.9026, -123.9850

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.



98.0450, 68.5048, -85.9855



60.6260, -28.9026, 123.9850



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.



60.6260, -28.9026, 123.9850



69.2660, -34.1481, -60.7463



96.3230, 46.6758, -84.4753



98.2140, 56.0965, 20.8603

Rectangle

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



60.6260, -28.9026, 123.9850



93.7160, -46.2020, 25.6821



96.3230, 46.6758, -84.4753



93.3150, 75.7667, -81.8373

Sweetspot

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



60.6260, -28.9026, 123.9850



201.7240, -11.2029, 46.7231



82.5290, 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.



60.6260, -28.9026, 123.9850



76.5870, -36.2784, 156.4682



117.9240, -58.1365, 73.7347



94.9900, -1.4741, 6.1478



49.8620, -23.5960, 101.8530



11.3620, -5.6015, 23.3615

Inverse Universe

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



60.6260, -28.9026, 123.9850



76.5870, -36.2784, 156.4682



84.0760, 58.1365, -73.7347



94.9900, -1.4741, 6.1478



49.8620, -23.5960, 101.8530



11.3620, -5.6015, 23.3615

Previews

White Background



This preview shows how the YUV color 60.6260, -28.9026, 123.9850 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 60.6260, -28.9026, 123.9850 Background



This preview shows how black text looks on a background with the YUV color 60.6260, -28.9026, 123.9850.



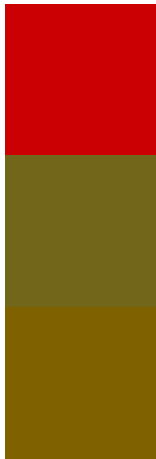
This preview shows how white text looks on a background with the YUV color 60.6260, -28.9026,

123.9850.

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

60.6260, -28.9026, 123.9850

Protanopia

96.9240, -34.9655, 14.9757

Deuteranopia

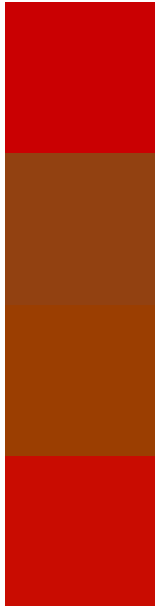
95.2110, -46.9390, 28.7560



Tritanopia

70.9530, -34.9798, 113.1742

Trichromacy



Original Color

60.6260, -28.9026, 123.9850

Protanomaly

83.7470, -32.9063, 54.5959

Deuteranomaly

82.8530, -40.3535, 63.2729

Tritanomaly

67.2570, -32.6647, 117.2926

Monochromacy



Original Color

60.6260, -28.9026, 123.9850

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9410, -10.3239, 44.7787

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.6260, -28.9026, 123.9850 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(202, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(202, 0, 2)  
}
```

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(202, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 0, 2) }
```

Border

The CSS property to change the border of an element to YUV 60.6260, -28.9026, 123.9850 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(202, 0, 2) }
```


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

```
.border{ border-color:rgb(202, 0, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 0, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(202, 0, 2); box-shadow:4px  
4px 4px 4px rgb(202, 0, 2) }
```

Background

The CSS property to change the background color of an element to YUV 60.6260, -28.9026, 123.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 0, 2) }
```

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

```
.background{ background-color: rgb(202, 0,  
2) }
```

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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