

Converting Colors

YUV(63.1750, -28.1873,
127.8885)

Have a look what the booklet for
YUV(63.1750, -28.1873, 127.8885)
contains.

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Color

**YUV(63.1750, -28.1873,
127.8885)**

Conversions

Conversions Part 1

Format	Color
Hex	D10006
RGB	209, 0, 6
RGB Percent	82%, 0%, 2%
CMY	0.1804, 1.0000, 0.9765
CMYK	0.00, 1.00, 0.97, 0.18
HSL	358°, 100%, 41%
HSV	358°, 100%, 82%
XYZ	26.3274, 13.5685, 1.4037
YIQ	63.1750, 122.6380, 46.1740

Conversions

Conversions Part 2

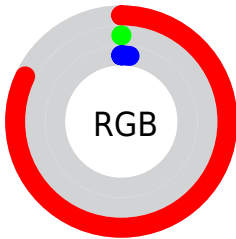
Format	Color
RYB	209, 0, 6
Decimal	13697030
CIELab	43.61, 69.00, 55.88
CIElCh	44, 88.789, 39.000
Yxy	13.5685, 0.6375, 0.3285
Android (android.graphics.Color)	4291887110 (0xFFD10006)
YUV	63.1750, -28.1873, 127.8885
Hunter-Lab	36.8354, 63.1174, 23.5254

Details

The YUV color **63.1750, -28.1873, 127.8885** 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 **145.8250, 28.1873, -127.8885**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2250, -37.5789, 106.7967**, and **43.0560, -21.2266, 88.5279** is the 20% darker color. If you saturate the color by 10%, you get **63.1750, -28.1873, 127.8885**, and if you desaturate by 10%, it is **77.7820, -25.5285, 115.0782**.

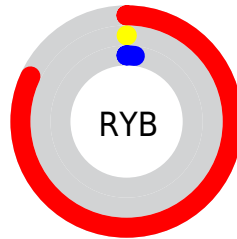
Distribution



Red (82%)

Green (0%)

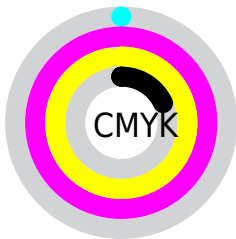
Blue (2%)



Red (82%)

Yellow (0%)

Blue (2%)

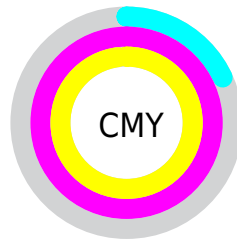


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (18%)



Cyan (18%)


Magenta (100%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 63.1750, -28.1873, 127.8885 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 63.1750, -28.1873, 127.8885 by changing the saturation by 10% instead.


 63.1750, -28.1873,
127.8885

 63.1750, -28.1873,
127.8885


 253.7460, -4.8048,
1.0998


 52.6240, -25.9436,
108.2008


 133.2250,
-37.5789, 106.7967


 43.0560, -21.2266,
88.5279


 153.6850,
-35.3407, 88.8533


 33.4880, -16.5096,
68.8550

 173.5580,
-32.8131, 71.4246

 24.4470, -11.0664,
49.5970

 194.1320,
-30.1381, 53.3812


 15.4770, -6.6442,
31.1537


 214.2330,
-26.7369, 35.7527


 0.0000, 0.0000,
0.0000


 234.9210,


-23.6251, 17.6093


 250.4400,
-17.4719, 3.9991


 63.1750, -28.1873,
127.8885

 77.7820, -25.5285,
115.0782

 92.5030, -22.4330,
102.1679

 107.1100,
-19.7742, 89.3575

 121.7170,
-17.1155, 76.5472

 136.3240,
-14.4567, 63.7369

■ 150.4580,
-11.0718, 51.3413

■ 165.0650, -8.4130,
38.5310

■ 179.6720, -5.7543,
25.7207

■ 194.3930, -2.6587,
12.8103

Harmonies

Analogous

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



76.9650, 3.9613, 129.8267



63.1750, -28.1873, 127.8885



95.7190, -47.1895, 62.5134

Triad

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



63.1750, -28.1873, 127.8885



80.8530, -17.6755, -70.9081



91.5370, 79.1083, -80.2779

Complementary

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



63.1750, -28.1873, 127.8885



145.8250, 28.1873, -127.8885

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.



101.0770, 69.9680, -88.6445



63.1750, -28.1873, 127.8885



91.0330, 16.2527, -79.8359

Square

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



63.1750, -28.1873, 127.8885



71.6140, -35.3057, -62.8055



99.2410, 47.7022, -87.0344



102.0720, 58.1385, 19.2309

Rectangle

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



63.1750, -28.1873, 127.8885



96.9720, -47.8072, 27.2116



99.2410, 47.7022, -87.0344



96.4610, 77.6667, -84.5963

Sweetspot

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



63.1750, -28.1873, 127.8885



201.9520, -10.3293, 46.5231



84.2240, 61.5146, 103.2896



95.8680, -6.3439, 28.1798



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.



63.1750, -28.1873, 127.8885



77.0430, -34.5312, 156.0683



120.0170, -59.1684, 78.0381



97.2890, -1.6215, 6.7625



50.8020, -22.5804, 102.7826



12.3730, -5.6069, 25.1059

Inverse Universe

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



63.1750, -28.1873, 127.8885



77.0430, -34.5312, 156.0683



88.9830, 59.1684, -78.0381



97.2890, -1.6215, 6.7625



50.8020, -22.5804, 102.7826



12.3730, -5.6069, 25.1059

Previews

White Background



This preview shows how the YUV color 63.1750, -28.1873, 127.8885 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 63.1750, -28.1873, 127.8885

Background



This preview shows how black text looks on a background with the YUV color 63.1750, -28.1873, 127.8885.



This preview shows how white text looks on a background with the YUV color 63.1750, -28.1873,

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

63.1750, -28.1873, 127.8885

Protanopia

100.6960, -35.8391, 15.1756

Deuteranopia

98.4670, -48.5442, 30.2854



Tritanopia

73.0460, -36.0117, 117.4777

Trichromacy



Original Color

63.1750, -28.1873, 127.8885

Protanomaly

86.7580, -32.9117, 56.3402

Deuteranomaly

85.9350, -41.3800, 65.8320

Tritanomaly

69.4640, -33.2598, 121.4961

Monochromacy



Original Color

63.1750, -28.1873, 127.8885

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9520, -10.3293, 46.5231

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1750, -28.1873, 127.8885 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(209, 0, 6)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 6)  
}
```

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(209, 0, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 6) }
```

Border

The CSS property to change the border of an element to YUV 63.1750, -28.1873, 127.8885 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(209, 0, 6) }
```


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

```
.border{ border-color:rgb(209, 0, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(209, 0, 6); box-shadow:4px  
4px 4px 4px rgb(209, 0, 6) }
```

Background

The CSS property to change the background color of an element to YUV 63.1750, -28.1873, 127.8885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 6) }
```

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

```
.background{ background-color: rgb(209, 0,  
6) }
```

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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