

Converting Colors

YUV(63.2480, -18.8563,
121.6855)

Have a look what the booklet for
YUV(63.2480, -18.8563, 121.6855)
contains.

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Color

**YUV(63.2480, -18.8563,
121.6855)**

Conversions

Conversions Part 1

Format	Color
Hex	CA0019
RGB	202, 0, 25
RGB Percent	79%, 0%, 10%
CMY	0.2078, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.88, 0.21
HSL	353°, 100%, 40%
HSV	353°, 100%, 79%
XYZ	24.5326, 12.6267, 2.0639
YIQ	63.2480, 112.3670, 50.5990

Conversions

Conversions Part 2

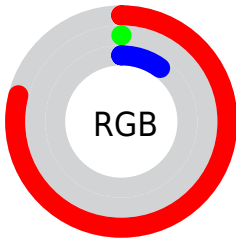
Format	Color
RYB	202, 0, 25
Decimal	13238297
CIELab	42.20, 67.51, 47.01
CIElCh	42, 82.264, 34.852
Yxy	12.6267, 0.6255, 0.3219
Android (android.graphics.Color)	4291428377 (0xFFCA0019)
YUV	63.2480, -18.8563, 121.6855
Hunter-Lab	35.5341, 61.0508, 21.4302

Details

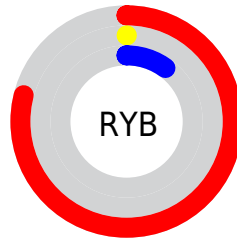
The YUV color **63.2480, -18.8563, 121.6855** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **138.7520, 18.8563, -121.6855**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2340, -31.1744, 105.9118**, and **41.2620, -20.3422, 84.8392** is the 20% darker color. If you saturate the color by 10%, you get **63.2480, -18.8563, 121.6855**, and if you desaturate by 10%, it is **77.0400, -16.7817, 109.5899**.

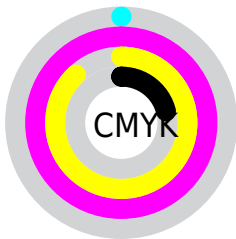
Distribution



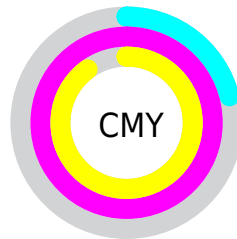
- Red (79%)
- Green (0%)
- Blue (10%)



- Red (79%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (88%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2480, -18.8563, 121.6855 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 63.2480, -18.8563, 121.6855 by changing the saturation by 10% instead.

■ 63.2480, -18.8563,
121.6855

■ 63.2480, -18.8563,
121.6855

255.0000, 0.0000,
0.0000

■ 51.0580, -24.1856,
104.3121

■ 134.2340,
-31.1744, 105.9118

■ 41.2620, -20.3422,
84.8392

■ 154.5800,
-29.3729, 88.0683

■ 31.6940, -15.6251,
65.1664

■ 174.4530,
-26.8453, 70.6397

■ 23.0660, -9.8925,
46.4231

■ 194.5540,
-23.4441, 53.0111

■ 13.9820, -5.9071,
28.0798


■ 214.5410,
-20.4797, 35.4825


■ 0.0000, 0.0000,
0.0000


■ 235.3430,

-16.9311, 17.2392

 252.0360,
-11.3567, 2.5994

 63.2480, -18.8563,
121.6855

 77.0400, -16.7817,
109.5899

 90.7180, -15.1440,
97.5943

 105.0970,
-13.3588, 84.9839

 118.8890,
-11.2843, 72.8883

 132.5670, -9.6465,
60.8927

■ 146.3590, -7.5720,
48.7972

■ 160.1510, -5.4974,
36.7016

■ 174.5300, -3.7123,
24.0912

■ 188.2080, -2.0745,
12.0956

Harmonies

Analogous

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



73.8760, 8.9351, 121.1347



63.2480, -18.8563, 121.6855



91.8980, -45.3057, 64.9875

Triad

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



63.2480, -18.8563, 121.6855



76.1910, -20.3072, -66.8195



89.3540, 73.2825, -78.3635

Complementary

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



63.2480, -18.8563, 121.6855



138.7520, 18.8563, -121.6855

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.



96.5630, 62.8264, -84.6858



63.2480, -18.8563, 121.6855



86.3880, 11.1477, -75.7623

Square

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



63.2480, -18.8563, 121.6855



77.0620, -37.9916, -41.2734



94.1400, 40.8500, -82.5608



98.5170, 56.4401, 3.9316

Rectangle

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



63.2480, -18.8563, 121.6855



94.0590, -46.3711, 33.2743



94.1400, 40.8500, -82.5608



93.4630, 71.2567, -81.9671

Sweetspot

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



63.2480, -18.8563, 121.6855



202.7500, -7.2717, 45.8233



75.3530, 62.4370, 87.3904



96.3240, -4.5967, 27.7799



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.



63.2480, -18.8563, 121.6855



79.8930, -23.6112, 153.5688



103.8360, -51.1911, 86.0898



95.1040, -1.0373, 6.0478



52.0280, -15.2968, 99.9534



11.9320, -3.4175, 22.8616

Inverse Universe

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



63.2480, -18.8563, 121.6855



79.8930, -23.6112, 153.5688



98.1640, 51.1911, -86.0898



95.1040, -1.0373, 6.0478



52.0280, -15.2968, 99.9534



11.9320, -3.4175, 22.8616

Previews

White Background



This preview shows how the YUV color 63.2480, -18.8563, 121.6855 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 63.2480, -18.8563, 121.6855

Background



This preview shows how black text looks on a background with the YUV color 63.2480, -18.8563, 121.6855.



This preview shows how white text looks on a background with the YUV color 63.2480, -18.8563,

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

63.2480, -18.8563, 121.6855

Protanopia

98.8620, -27.5400, 13.2760

Deuteranopia

95.5100, -47.0864, 29.3707



Tritanopia

70.6650, -34.8378, 114.3038

Trichromacy



Original Color

63.2480, -18.8563, 121.6855

Protanomaly

85.9130, -24.6071, 52.6963

Deuteranomaly

84.0640, -37.0066, 63.0879

Tritanomaly

67.5820, -28.8809, 117.0076

Monochromacy



Original Color

63.2480, -18.8563, 121.6855

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1520, -6.9769, 44.5937

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2480, -18.8563, 121.6855 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(202, 0, 25)  
}
```

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, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 0, 25) }
```

Border

The CSS property to change the border of an element to YUV 63.2480, -18.8563, 121.6855 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, 25) }
```


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

```
.border{ border-color:rgb(202, 0, 25) }
```

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, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 0, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 0, 25);  
box-shadow:4px 4px 4px 4px rgb(202, 0, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.2480, -18.8563, 121.6855 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, 25) }
```

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

```
.background{ background-color: rgb(202, 0,  
25) }
```

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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