

Converting Colors

YUV(64.8720, -15.2199,
122.0153)

Have a look what the booklet for
YUV(64.8720, -15.2199, 122.0153)
contains.

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Color

**YUV(64.8720, -15.2199,
122.0153)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0022
RGB	204, 0, 34
RGB Percent	80%, 0%, 13%
CMY	0.2000, 1.0000, 0.8667
CMYK	0.00, 1.00, 0.83, 0.20
HSL	350°, 100%, 40%
HSV	350°, 100%, 80%
XYZ	25.1906, 12.9529, 2.6858
YIQ	64.8720, 110.6700, 53.8220

Conversions

Conversions Part 2

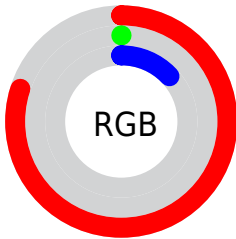
Format	Color
RYB	204, 0, 34
Decimal	13369378
CIELab	42.69, 68.19, 42.97
CIElCh	43, 80.600, 32.220
Yxy	12.9529, 0.6170, 0.3172
Android (android.graphics.Color)	4291559458 (0xFFCC0022)
YUV	64.8720, -15.2199, 122.0153
Hunter-Lab	35.9901, 61.9550, 20.7684

Details

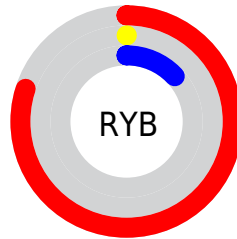
The YUV color **64.8720, -15.2199, 122.0153** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **139.1280, 15.2199, -122.0153**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.8470, -27.5326, 104.4972**, and **41.8600, -20.6370, 86.0688** is the 20% darker color. If you saturate the color by 10%, you get **64.8720, -15.2199, 122.0153**, and if you desaturate by 10%, it is **78.5500, -13.5821, 110.0197**.

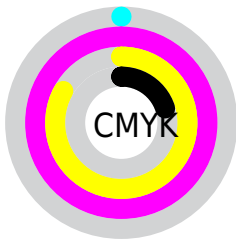
Distribution



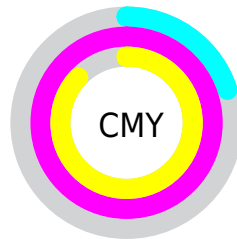
- Red (80%)
- Green (0%)
- Blue (13%)



- Red (80%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 64.8720, -15.2199, 122.0153 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 64.8720, -15.2199, 122.0153 by changing the saturation by 10% instead.


 64.8720, -15.2199,
122.0153

 64.8720, -15.2199,
122.0153


255.0000, 0.0000,
0.0000

 52.9100, -19.6756,
104.4419


 135.8470,
-27.5326, 104.4972


 41.8600, -20.6370,
86.0688

 155.6060,
-25.4418, 87.1685


 32.2920, -15.9200,
66.3959


 175.4790,
-22.9141, 69.7399

 23.6640, -10.1874,
47.6527

 196.1670,
-19.8023, 51.5965

 14.5800, -6.2019,
29.3093


 216.2680,
-16.4011, 33.9680


 0.0000, 0.0000,
0.0000


 236.9560,


-13.2893, 15.8246

 253.1760, -6.9888,
1.5996


 64.8720, -15.2199,
122.0153

 78.5500, -13.5821,
110.0197

 92.8150, -12.2338,
97.5092

 106.4930,
-10.5960, 85.5136

 120.7580, -9.2477,
73.0032

 134.4360, -7.6099,
61.0076

■ 148.1140, -5.9722,
49.0120

■ 162.3790, -4.6238,
36.5016

■ 176.0570, -2.9861,
24.5060

■ 190.3220, -1.6377,
11.9956

Harmonies

Analogous

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



74.3750, 12.1401, 119.8201



64.8720, -15.2199, 122.0153



92.5070, -45.6060, 67.9614

Triad

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



64.8720, -15.2199, 122.0153



76.2080, -22.7805, -66.8344



91.0010, 71.9775, -79.8079

Complementary

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



64.8720, -15.2199, 122.0153



139.1280, 15.2199, -122.0153

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.



97.2810, 60.5005, -85.3154



64.8720, -15.2199, 122.0153



86.4050, 8.6743, -75.7772

Square

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



64.8720, -15.2199, 122.0153



81.8460, -40.3501, -31.4369



94.0430, 37.9398, -82.4757



99.3910, 57.4882, -5.6049

Rectangle

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



64.8720, -15.2199, 122.0153



95.2660, -46.9661, 37.4777



94.0430, 37.9398, -82.4757



94.2950, 69.3676, -82.6967

Sweetspot

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



64.8720, -15.2199, 122.0153



203.0920, -5.9614, 45.5233



74.0860, 64.0476, 84.1166



96.5520, -3.7231, 27.5799



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.



64.8720, -15.2199, 122.0153



81.1470, -18.8065, 152.4691



100.9120, -49.7496, 90.4082



95.2180, -0.6005, 5.9478



52.8260, -12.2392, 99.2536



12.0460, -2.9807, 22.7617

Inverse Universe

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



64.8720, -15.2199, 122.0153



81.0330, -19.2433, 152.5691



103.0880, 49.7496, -90.4082



95.2180, -0.6005, 5.9478



52.8260, -12.2392, 99.2536



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 64.8720, -15.2199, 122.0153 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 64.8720, -15.2199, 122.0153

Background



This preview shows how black text looks on a background with the YUV color 64.8720, -15.2199, 122.0153.



This preview shows how white text looks on a background with the YUV color 64.8720, -15.2199,

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

64.8720, -15.2199, 122.0153

Protanopia

100.7030, -23.0246, 11.6615

Deuteranopia

97.6500, -42.7184, 28.3710



Tritanopia

71.2630, -35.1327, 115.5333

Trichromacy



Original Color

64.8720, -15.2199, 122.0153

Protanomaly

88.0530, -20.2391, 51.6965

Deuteranomaly

85.5030, -32.7860, 62.7029

Tritanomaly

68.5220, -27.8653, 117.9372

Monochromacy



Original Color

64.8720, -15.2199, 122.0153

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.9070, -5.3772, 44.8086

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.8720, -15.2199, 122.0153 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(204, 0, 34)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 34)  
}
```

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(204, 0, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 34) }
```

Border

The CSS property to change the border of an element to YUV 64.8720, -15.2199, 122.0153 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(204, 0, 34) }
```


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

```
.border{ border-color:rgb(204, 0, 34) }
```

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

Here you see how a box with a 4 pixel rgb(204, 0, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 34);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.8720, -15.2199, 122.0153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 34) }
```

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

```
.background{ background-color: rgb(204, 0,  
34) }
```

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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