

Converting Colors

YUV(65.6420, -9.6835,
119.5860)

Have a look what the booklet for
YUV(65.6420, -9.6835, 119.5860)
contains.

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Color

**YUV(65.6420, -9.6835,
119.5860)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CA002E |
| RGB | 202, 0, 46 |
| RGB Percent | 79%, 0%, 18% |
| CMY | 0.2078, 1.0000, 0.8196 |
| CMYK | 0.00, 1.00, 0.77, 0.21 |
| HSL | 346°, 100%, 40% |
| HSV | 346°, 100%, 79% |
| XYZ | 24.8503, 12.7538, 3.7367 |
| YIQ | 65.6420, 105.6260, 57.1300 |

Conversions

Conversions Part 2

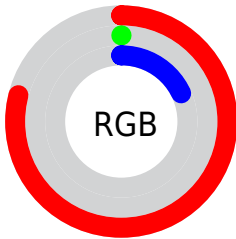
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 202, 0, 46 |
| Decimal | 13238318 |
| CIELab | 42.39, 68.04, 35.68 |
| CIELCh | 42, 76.825, 27.672 |
| Yxy | 12.7538, 0.6011, 0.3085 |
| Android (android.graphics.Color) | 4291428398 (0xFFCA002E) |
| YUV | 65.6420, -9.6835, 119.5860 |
| Hunter-Lab | 35.7125, 61.7110, 18.7950 |

Details

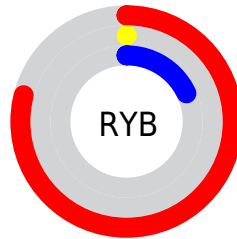
The YUV color **65.6420, -9.6835, 119.5860** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **136.3580, 9.6835, -119.5860**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6280, -22.0016, 103.8122**, and **41.6750, -20.0528, 85.3540** is the 20% darker color. If you saturate the color by 10%, you get **65.6420, -9.6835, 119.5860**, and if you desaturate by 10%, it is **79.2060, -8.4826, 107.6903**.

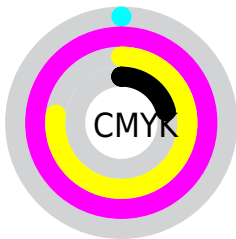
Distribution



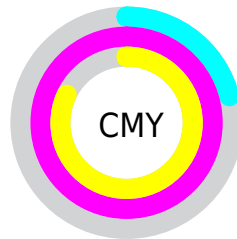
- Red (79%)
- Green (0%)
- Blue (18%)



- Red (79%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.6420, -9.6835, 119.5860 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 65.6420, -9.6835, 119.5860 by changing the saturation by 10% instead.

■ 65.6420, -9.6835,
119.5860

■ 65.6420, -9.6835,
119.5860

255.0000, 0.0000,
0.0000

■ 53.6800, -14.1392,
102.0126

■ 136.6280,
-22.0016, 103.8122

■ 41.6750, -20.0528,
85.3540

■ 157.0880,
-19.7634, 85.8688

■ 31.9930, -15.7725,
65.7811

■ 176.9610,
-17.2358, 68.4402

■ 23.3650, -10.0399,
47.0379

■ 197.0620,
-13.8346, 50.8116

■ 14.2810, -6.0545,
28.6946

■ 217.7500,
-10.7227, 32.6683

■ 0.0000, 0.0000,
0.0000

■ 238.5520, -7.1741,

14.4249

254.7720, -0.8736,
0.2000

■ 65.6420, -9.6835,
119.5860

■ 79.2060, -8.4826,
107.6903

■ 92.6560, -7.7184,
95.8947

■ 106.8070, -6.8069,
83.4843

■ 120.2570, -6.0427,
71.6886

■ 133.8210, -4.8418,
59.7930

■ 147.3850, -3.6408,
47.8974

■ 160.8350, -2.8767,
36.1017

■ 174.9860, -1.9651,
23.6913

■ 188.4360, -1.2009,
11.8956

Harmonies

Analogous

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



73.3080, 17.1032, 114.6169



65.6420, -9.6835, 119.5860



90.4690, -44.6012, 72.3797

Triad

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



65.6420, -9.6835, 119.5860



73.3070, -26.2804, -64.2902



91.2630, 67.9043, -80.0377

Complementary

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



65.6420, -9.6835, 119.5860



136.3580, 9.6835, -119.5860

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.



95.3260, 55.5483, -83.6009



65.6420, -9.6835, 119.5860



83.9770, 4.4483, -73.6478

Square

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



65.6420, -9.6835, 119.5860



85.4670, -42.1352, -18.8266



91.9740, 32.5508, -80.6612



95.5200, 58.4106, -21.5040

Rectangle

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



65.6420, -9.6835, 119.5860



94.7120, -46.6930, 43.2256



91.9740, 32.5508, -80.6612



93.8560, 65.1470, -82.3117

Sweetspot

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



65.6420, -9.6835, 119.5860



203.6620, -3.7774, 45.0234



69.3730, 65.3851, 75.0949



96.8940, -2.4127, 27.2800



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.



65.6420, -9.6835, 119.5860



82.8570, -12.2545, 150.9694



92.0960, -45.4033, 96.3858



95.2180, -0.6005, 5.9478



53.9660, -7.8712, 98.2538



12.3880, -1.6703, 22.4617

Inverse Universe

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



65.6420, -9.6835, 119.5860



82.8570, -12.2545, 150.9694



109.9040, 45.4033, -96.3858



95.2180, -0.6005, 5.9478



53.9660, -7.8712, 98.2538



12.3880, -1.6703, 22.4617

Previews

White Background



This preview shows how the YUV color 65.6420, -9.6835, 119.5860 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



This preview shows how the YUV color 65.6420, -9.6835, 119.5860 looks on a 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 65.6420, -9.6835, 119.5860

Background



This preview shows how black text looks on a background with the YUV color 65.6420, -9.6835, 119.5860.



This preview shows how white text looks on a background with the YUV color 65.6420, -9.6835,

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

65.6420, -9.6835, 119.5860

Protanopia

101.0430, -15.3042, 8.7323

Deuteranopia

98.9730, -32.5247, 25.4567



Tritanopia

72.2780, -31.1961, 112.8892

Trichromacy



Original Color

65.6420, -9.6835, 119.5860

Protanomaly

88.1650, -13.3923, 48.9673

Deuteranomaly

87.0710, -24.1920, 59.5737

Tritanomaly

69.6510, -23.4919, 115.1931

Monochromacy



Original Color

65.6420, -9.6835, 119.5860

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.7650, -3.3351, 43.1791

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.6420, -9.6835, 119.5860 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, 46)` looks like.

```
.text, #text, p{  
    color:rgb(202, 0, 46)  
}
```

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, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 0, 46) }
```

Border

The CSS property to change the border of an element to YUV 65.6420, -9.6835, 119.5860 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, 46) }
```


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

```
.border{ border-color:rgb(202, 0, 46) }
```

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, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 0, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 0, 46);  
box-shadow:4px 4px 4px 4px rgb(202, 0, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.6420, -9.6835, 119.5860 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, 46) }
```

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

```
.background{ background-color: rgb(202, 0,  
46) }
```

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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