

Converting Colors

YUV(65.9130, -7.3521,
118.4713)

Have a look what the booklet for
YUV(65.9130, -7.3521, 118.4713)
contains.

YUV(65.9130, -7.3521, 118.4713)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(65.9130, -7.3521,
118.4713)**

Conversions

Conversions Part 1

Format	Color
Hex	C90033
RGB	201, 0, 51
RGB Percent	79%, 0%, 20%
CMY	0.2118, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.75, 0.21
HSL	345°, 100%, 39%
HSV	345°, 100%, 79%
XYZ	24.6849, 12.6565, 4.2739
YIQ	65.9130, 103.4250, 58.4730

Conversions

Conversions Part 2

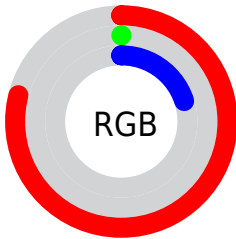
Format	Color
R_{YB}	201, 0, 51
Decimal	13172787
CIE Lab	42.24, 67.97, 32.45
CIE LCh	42, 75.316, 25.518
Yxy	12.6565, 0.5932, 0.3041
Android (android.graphics.Color)	4291362867 (0xFFC90033)
YUV	65.9130, -7.3521, 118.4713
Hunter-Lab	35.5760, 61.5968, 17.7805

Details

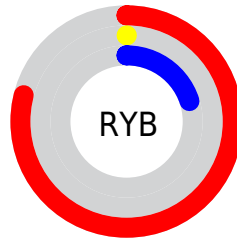
The YUV color **65.9130, -7.3521, 118.4713** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **135.0870, 7.3521, -118.4713**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.1980, -19.8176, 103.3124**, and **42.1740, -16.8478, 84.0394** is the 20% darker color. If you saturate the color by 10%, you get **65.9130, -7.3521, 118.4713**, and if you desaturate by 10%, it is **79.3630, -6.5880, 106.6756**.

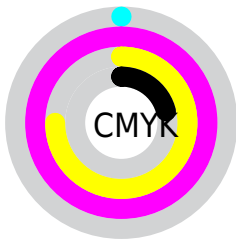
Distribution



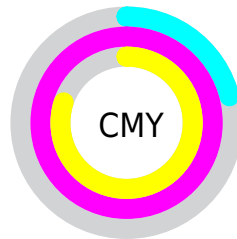
- Red (79%)
- Green (0%)
- Blue (20%)



- Red (79%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.9130, -7.3521, 118.4713 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 65.9130, -7.3521, 118.4713 by changing the saturation by 10% instead.

■ 65.9130, -7.3521,
118.4713

■ 65.9130, -7.3521,
118.4713

255.0000, 0.0000,
0.0000

■ 53.9510, -11.8078,
100.8980

■ 137.1980,
-19.8176, 103.3124

■ 42.1740, -16.8478,
84.0394

■ 157.6580,
-17.5794, 85.3689

■ 31.9930, -15.7725,
65.7811

■ 177.6450,
-14.6150, 67.8403

■ 23.3650, -10.0399,
47.0379

■ 197.7460,
-11.2138, 50.2118

■ 13.9820, -5.9071,
28.0798

■ 218.4340, -8.1020,
32.0684

■ 0.0000, 0.0000,
0.0000

■ 238.6490, -4.2640,

14.3398

■ 65.9130, -7.3521,
118.4713

■ 79.3630, -6.5880,
106.6756

■ 92.8130, -5.8238,
94.8800

■ 106.2630, -5.0597,
83.0843

■ 119.7130, -4.2955,
71.2887

■ 133.7500, -3.8207,
58.9783

■ 147.2000, -3.0566,
47.1826

■ 160.6500, -2.2924,
35.3870

■ 174.1000, -1.5283,
23.5913

■ 187.5500, -0.7642,
11.7956

Harmonies

Analogous

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



72.5680, 19.4400, 111.7579



65.9130, -7.3521, 118.4713



89.5940, -44.1698, 74.0241

Triad

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



65.9130, -7.3521, 118.4713



72.1500, -28.1749, -63.2755



90.9210, 66.5939, -79.7377

Complementary

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



65.9130, -7.3521, 118.4713



135.0870, 7.3521, -118.4713

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.



94.7560, 53.3643, -83.1010



65.9130, -7.3521, 118.4713



82.8200, 2.5537, -72.6331

Square

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



65.9130, -7.3521, 118.4713



86.6740, -42.7303, -14.6231



90.7030, 30.2194, -79.5465



93.3940, 59.4588, -31.0405

Rectangle

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



65.9130, -7.3521, 118.4713



94.4350, -46.5565, 46.0995



90.7030, 30.2194, -79.5465



93.4000, 63.3998, -81.9118

Sweetspot

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



65.9130, -7.3521, 118.4713



203.8900, -2.9038, 44.8235



66.8670, 66.1276, 70.2766



97.0080, -1.9759, 27.1800



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.



65.9130, -7.3521, 118.4713



83.6550, -9.1969, 150.2696



87.6880, -43.2302, 99.3746



92.9190, -0.4531, 5.3330



53.4110, -6.1186, 96.1096



11.7900, -1.3755, 21.2322

Inverse Universe

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



65.9130, -7.3521, 118.4713



83.6550, -9.1969, 150.2696



113.3120, 43.2302, -99.3746



92.9190, -0.4531, 5.3330



53.4110, -6.1186, 96.1096



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 65.9130, -7.3521, 118.4713 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 65.9130, -7.3521, 118.4713 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 65.9130, -7.3521, 118.4713

Background



This preview shows how black text looks on a background with the YUV color 65.9130, -7.3521, 118.4713.



This preview shows how white text looks on a background with the YUV color 65.9130, -7.3521,

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

65.9130, -7.3521, 118.4713

Protanopia

101.2430, -11.9518, 6.8029

Deuteranopia

99.4720, -29.3197, 24.1421



Tritanopia

73.7230, -29.4434, 110.7449

Trichromacy



Original Color

65.9130, -7.3521, 118.4713

Protanomaly

88.3650, -10.0399, 47.0379

Deuteranomaly

87.4560, -21.4238, 58.3591

Tritanomaly

70.5090, -21.4499, 113.5636

Monochromacy



Original Color

65.9130, -7.3521, 118.4713

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9930, -2.4615, 42.9791

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9130, -7.3521, 118.4713 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(201, 0, 51)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 51)  
}
```

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(201, 0, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 51) }
```

Border

The CSS property to change the border of an element to YUV 65.9130, -7.3521, 118.4713 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(201, 0, 51) }
```


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

```
.border{ border-color:rgb(201, 0, 51) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 51);  
box-shadow:4px 4px 4px 4px rgb(201, 0, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.9130, -7.3521, 118.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 51) }
```

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

```
.background{ background-color: rgb(201, 0,  
51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor