

Converting Colors

YUV(79.0840, -9.9014,
142.8773)

Have a look what the booklet for
YUV(79.0840, -9.9014, 142.8773)
contains.

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Color

**YUV(79.0840, -9.9014,
142.8773)**

Conversions

Conversions Part 1

Format	Color
Hex	F2003B
RGB	242, 0, 59
RGB Percent	95%, 0%, 23%
CMY	0.0510, 1.0000, 0.7686
CMYK	0.00, 1.00, 0.76, 0.05
HSL	345°, 100%, 47%
HSV	345°, 100%, 95%
XYZ	37.4074, 19.1930, 5.8707
YIQ	79.0840, 125.2930, 69.6530

Conversions

Conversions Part 2

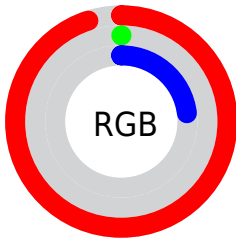
Format	Color
R_{YB}	242, 0, 59
Decimal	15859771
CIE _{Lab}	50.91, 78.00, 39.81
CIE _{LCh}	51, 87.574, 27.038
Yxy	19.1930, 0.5988, 0.3072
Android (android.graphics.Color)	4294049851 (0xFFFF2003B)
YUV	79.0840, -9.9014, 142.8773
Hunter-Lab	43.8098, 75.7464, 22.7218

Details

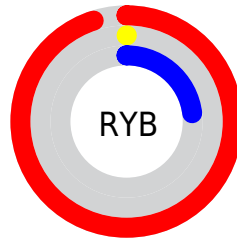
The YUV color **79.0840, -9.9014, 142.8773** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **162.9160, 9.9014, -142.8773**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0940, -18.7803, 97.2646**, and **54.5620, -18.5181, 106.5011** is the 20% darker color. If you saturate the color by 10%, you get **79.0840, -9.9014, 142.8773**, and if you desaturate by 10%, it is **95.2240, -8.9844, 128.7226**.

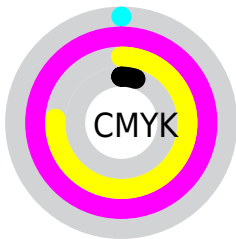
Distribution



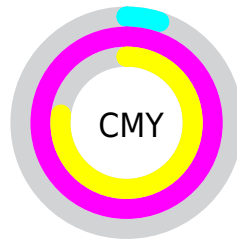
- Red (95%)
- Green (0%)
- Blue (23%)



- Red (95%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (5%)





- Cyan (5%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.0840, -9.9014, 142.8773 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 79.0840, -9.9014, 142.8773 by changing the saturation by 10% instead.


 79.0840, -9.9014,
142.8773


 79.0840, -9.9014,
142.8773


255.0000, 0.0000,
0.0000

 66.7090, -14.6465,
124.7892


 144.0940,
-18.7803, 97.2646


 54.5620, -18.5181,
106.5011


 165.2550,
-16.3947, 78.7064


 43.0560, -21.2266,
88.5279

 185.8290,
-13.7197, 60.6630

 33.7160, -15.6360,
68.6551

 206.5170,
-10.6079, 42.5196

 24.6750, -10.1928,
49.3970

 227.2050, -7.4961,
24.3762

 14.8790, -6.3493,
29.9241

 248.7080, -3.8000,

 0.0000, 0.0000,

5.5181

0.0000

■ 79.0840, -9.9014,
142.8773

■ 95.2240, -8.9844,
128.7226

■ 111.4780, -7.6307,
114.4678

■ 128.2050, -7.0031,
99.7982

■ 144.3450, -6.0861,
85.6434

■ 160.4850, -5.1691,
71.4887

■ 176.7390, -3.8153,
57.2339

■ 192.8790, -2.8983,
43.0791

■ 209.6060, -2.2708,
28.4095

■ 225.8600, -0.9170,
14.1548

Harmonies

Analogous

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



87.7050, 21.8374, 136.1937



79.0840, -9.9014, 142.8773



109.4510, -53.9593, 87.3045

Triad

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



79.0840, -9.9014, 142.8773



88.5520, -31.3311, -77.6601



107.7280, 72.6051, -94.4775

Complementary

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



79.0840, -9.9014, 142.8773



162.9160, 9.9014, -142.8773

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.



115.1480, 65.4960, -100.9848



79.0840, -9.9014, 142.8773



101.2910, 4.7865, -88.8322

Square

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



79.0840, -9.9014, 142.8773



103.7520, -51.1497, -20.8305



110.6560, 38.1306, -97.0453



115.5220, 68.7627, -28.5218

Rectangle

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



79.0840, -9.9014, 142.8773



114.2480, -56.3243, 52.4025



110.6560, 38.1306, -97.0453



111.2500, 70.8688, -97.5662

Sweetspot

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



79.0840, -9.9014, 142.8773



203.7760, -3.3406, 44.9234



81.7070, 79.0244, 87.0800



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.



79.0840, -9.9014, 142.8773



83.3130, -10.5073, 150.5695



107.5780, -53.0360, 117.8881



111.9300, -0.4585, 7.0774



60.1460, -7.4670, 108.6200



18.3400, -2.1396, 33.0278

Inverse Universe

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



79.0840, -9.9014, 142.8773



83.3130, -10.5073, 150.5695



133.8350, 53.3253, -117.3733



111.9300, -0.4585, 7.0774



60.1460, -7.4670, 108.6200



18.3400, -2.1396, 33.0278

Previews

White Background



This preview shows how the YUV color 79.0840, -9.9014, 142.8773 looks on a white 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

Black Background



This preview shows how the YUV color 79.0840, -9.9014, 142.8773 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 79.0840, -9.9014, 142.8773

Background



This preview shows how black text looks on a background with the YUV color 79.0840, -9.9014, 142.8773.



This preview shows how white text looks on a background with the YUV color 79.0840, -9.9014,

142.8773.

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

79.0840, -9.9014, 142.8773

Protanopia

121.8150, -16.1778, 8.9322

Deuteranopia

119.5560, -36.7561, 29.3304



Tritanopia

87.8570, -35.9185, 134.3064

Trichromacy



Original Color

79.0840, -9.9014, 142.8773

Protanomaly

106.1060, -13.8563, 57.7890

Deuteranomaly

104.4530, -26.8453, 70.6397

Tritanomaly

84.3980, -26.3252, 137.3400

Monochromacy



Original Color

79.0840, -9.9014, 142.8773

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8200, -3.3623, 51.9009

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0840, -9.9014, 142.8773 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(242, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 59)  
}
```

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(242, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 59) }
```

Border

The CSS property to change the border of an element to YUV 79.0840, -9.9014, 142.8773 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(242, 0, 59) }
```


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

```
.border{ border-color:rgb(242, 0, 59) }
```

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

Here you see how a box with a 4 pixel rgb(242, 0, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 59);  
box-shadow:4px 4px 4px 4px rgb(242, 0, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.0840, -9.9014, 142.8773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 59) }
```

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

```
.background{ background-color: rgb(242, 0,  
59) }
```

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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