

Converting Colors

YUV(78.6430, -7.7120,
140.6331)

Have a look what the booklet for
YUV(78.6430, -7.7120, 140.6331)
contains.

YUV(78.6430, -7.7120, 140.6331)	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(78.6430, -7.7120,
140.6331)**

Conversions

Conversions Part 1

Format	Color
Hex	EF003F
RGB	239, 0, 63
RGB Percent	94%, 0%, 25%
CMY	0.0627, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.74, 0.06
HSL	344°, 100%, 47%
HSV	344°, 100%, 94%
XYZ	36.4938, 18.7096, 6.3905
YIQ	78.6430, 122.2210, 70.2610

Conversions

Conversions Part 2

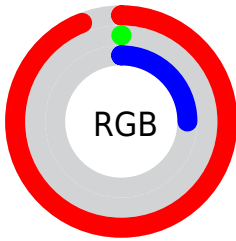
Format	Color
RYB	239, 0, 63
Decimal	15663167
CIELab	50.35, 77.44, 36.67
CIELCh	50, 85.679, 25.337
Yxy	18.7096, 0.5925, 0.3038
Android (android.graphics.Color)	4293853247 (0xFFEF003F)
YUV	78.6430, -7.7120, 140.6331
Hunter-Lab	43.2546, 74.9045, 21.5186

Details

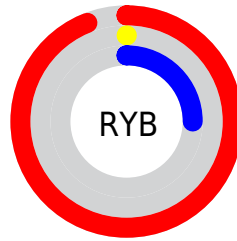
The YUV color **78.6430, -7.7120, 140.6331** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **160.3570, 7.7120, -140.6331**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0770, -16.3070, 97.2795**, and **54.4200, -16.4761, 104.8717** is the 20% darker color. If you saturate the color by 10%, you get **78.6430, -7.7120, 140.6331**, and if you desaturate by 10%, it is **94.7830, -6.7950, 126.4783**.

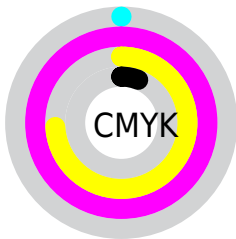
Distribution



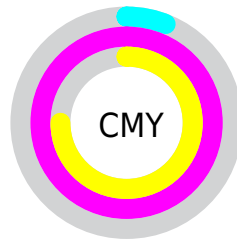
- Red (94%)
- Green (0%)
- Blue (25%)



- Red (94%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (6%)





- Cyan (6%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.6430, -7.7120, 140.6331 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 78.6430, -7.7120, 140.6331 by changing the saturation by 10% instead.


 78.6430, -7.7120,
140.6331


 78.6430, -7.7120,
140.6331


255.0000, 0.0000,
0.0000

 66.2680, -12.4571,
122.5450


 144.0770,
-16.3070, 97.2795

 54.4200, -16.4761,
104.8717


 165.1240,
-14.3581, 78.8213

 42.4580, -20.9318,
87.2983


 185.6980,
-11.6831, 60.7779

 32.8190, -15.1938,
66.8107

 206.3860, -8.5713,
42.6345

 24.0770, -9.8980,
48.1675

 227.7750, -5.3121,
23.8763

 14.2810, -6.0545,
28.6946

 248.5770, -1.7635,

 0.0000, 0.0000,

5.6330

0.0000

■ 78.6430, -7.7120,
140.6331

■ 94.7830, -6.7950,
126.4783

■ 110.8090, -6.3148,
112.4235

■ 126.9490, -5.3979,
98.2687

■ 142.9750, -4.9177,
84.2139

■ 158.5280, -3.7113,
70.5739

■ 174.6680, -2.7943,
56.4192

■ 190.6940, -2.3141,
42.3644

■ 206.8340, -1.3972,
28.2096

■ 222.8600, -0.9170,
14.1548

Harmonies

Analogous

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



86.5520, 23.8849, 132.8199



78.6430, -7.7120, 140.6331



107.3910, -52.9438, 88.2341

Triad

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



78.6430, -7.7120, 140.6331



86.8080, -32.9363, -76.1306



107.1410, 72.8945, -93.9627

Complementary

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



78.6430, -7.7120, 140.6331



160.3570, 7.7120, -140.6331

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.



113.1760, 63.0172, -99.2554



78.6430, -7.7120, 140.6331



99.5470, 3.1813, -87.3027

Square

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



78.6430, -7.7120, 140.6331



104.0730, -51.3080, -16.7270



108.6840, 35.6518, -95.3159



112.1080, 69.9528, -36.9287

Rectangle

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



78.6430, -7.7120, 140.6331



112.7860, -55.6035, 54.5617



108.6840, 35.6518, -95.3159



110.6630, 71.1581, -97.0515

Sweetspot

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



78.6430, -7.7120, 140.6331



204.0040, -2.4670, 44.7235



79.5710, 78.5985, 83.6912



97.1220, -1.5391, 27.0800



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.



78.6430, -7.7120, 140.6331



83.8830, -8.3233, 150.0696



104.3330, -51.4362, 118.1030



111.9300, -0.4585, 7.0774



60.4880, -6.1566, 108.3200



18.4540, -1.7028, 32.9278

Inverse Universe

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



78.6430, -7.7120, 140.6331



83.8830, -8.3233, 150.0696



134.6670, 51.4362, -118.1030



111.9300, -0.4585, 7.0774



60.4880, -6.1566, 108.3200



18.4540, -1.7028, 32.9278

Previews

White Background



This preview shows how the YUV color 78.6430, -7.7120, 140.6331 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 78.6430, -7.7120, 140.6331 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 78.6430, -7.7120, 140.6331

Background



This preview shows how black text looks on a background with the YUV color 78.6430, -7.7120, 140.6331.



This preview shows how white text looks on a background with the YUV color 78.6430, -7.7120,

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

78.6430, -7.7120, 140.6331

Protanopia

120.6130, -13.1202, 8.2324

Deuteranopia

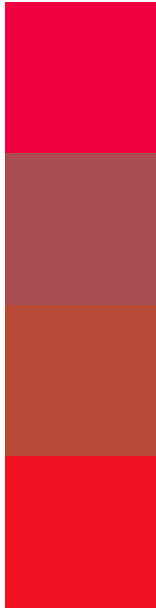
118.9410, -33.9879, 28.1157



Tritanopia

88.4760, -34.7447, 131.1325

Trichromacy



Original Color

78.6430, -7.7120, 140.6331

Protanomaly

105.4910, -11.0881, 56.5744

Deuteranomaly

104.4250, -24.3665, 68.9103

Tritanomaly

85.0170, -25.1514, 134.1661

Monochromacy



Original Color

78.6430, -7.7120, 140.6331

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.6350, -2.7781, 51.1861

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.6430, -7.7120, 140.6331 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(239, 0, 63)` looks like.

```
.text, #text, p{  
    color:rgb(239, 0, 63)  
}
```

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(239, 0, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 0, 63) }
```

Border

The CSS property to change the border of an element to YUV 78.6430, -7.7120, 140.6331 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(239, 0, 63) }
```


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

```
.border{ border-color:rgb(239, 0, 63) }
```

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

Here you see how a box with a 4 pixel rgb(239, 0, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 0, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 0, 63);  
box-shadow:4px 4px 4px 4px rgb(239, 0, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.6430, -7.7120, 140.6331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 0, 63) }
```

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

```
.background{ background-color: rgb(239, 0,  
63) }
```

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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