

Converting Colors

YUV(77.8030, -17.1579,
136.9848)

Have a look what the booklet for
YUV(77.8030, -17.1579, 136.9848)
contains.

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Color

**YUV(77.8030, -17.1579,
136.9848)**

Conversions

Conversions Part 1

Format	Color
Hex	EA052B
RGB	234, 5, 43
RGB Percent	92%, 2%, 17%
CMY	0.0824, 0.9804, 0.8314
CMYK	0.00, 0.98, 0.82, 0.08
HSL	350°, 96%, 47%
HSV	350°, 98%, 92%
XYZ	34.4220, 17.7754, 3.9022
YIQ	77.8030, 124.2860, 60.3660

Conversions

Conversions Part 2

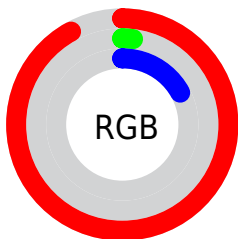
Format	Color
RYB	234, 5, 43
Decimal	15336747
CIELab	49.22, 75.27, 46.51
CIElCh	49, 88.479, 31.715
Yxy	17.7754, 0.6136, 0.3169
Android (android.graphics.Color)	4293526827 (0xFFEA052B)
YUV	77.8030, -17.1579, 136.9848
Hunter-Lab	42.1609, 71.9538, 24.0249

Details

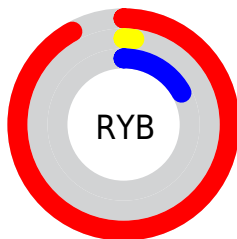
The YUV color **77.8030, -17.1579, 136.9848** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **161.1970, 17.1579, -136.9848**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6830, -25.4797, 99.3790**, and **50.2320, -24.7644, 103.2825** is the 20% darker color. If you saturate the color by 10%, you get **74.4120, -17.4581, 139.9587**, and if you desaturate by 10%, it is **93.5840, -15.0779, 123.1448**.

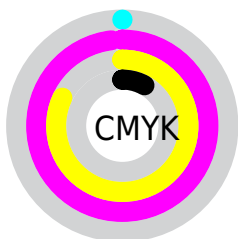
Distribution



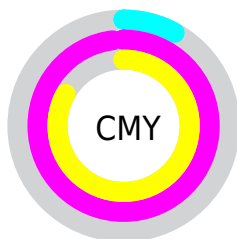
- Red (92%)
- Green (2%)
- Blue (17%)



- Red (92%)
- Yellow (2%)
- Blue (17%)



- Cyan (0%)
- Magenta (98%)
- Yellow (82%)
- Black (8%)



- Cyan (8%)
- Magenta (98%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8030, -17.1579, 136.9848 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 77.8030, -17.1579, 136.9848 by changing the saturation by 10% instead.

■ 77.8030, -17.1579,
136.9848

■ 77.8030, -17.1579,
136.9848

255.0000, 0.0000,
0.0000

■ 62.4930, -20.4560,
121.4706

■ 141.6830,
-25.4797, 99.3790

■ 50.2320, -24.7644,
103.2825

■ 162.1430,
-23.2415, 81.4356

■ 40.6640, -20.0474,
83.6097

■ 182.6030,
-21.0033, 63.4922

■ 31.3240, -14.4567,
63.7369

■ 203.2910,
-17.8915, 45.3488

■ 22.5820, -9.1609,
45.0936

■ 223.9790,
-14.7796, 27.2054

■ 12.6720, -5.7543,
25.7207

■ 244.7810,

■ 0.0000, 0.0000,

-11.2310, 8.9621

0.0000

254.5440, -1.7472,
0.3999

■ 77.8030, -17.1579,
136.9848

■ 77.8030, -17.1579,
136.9848

■ 74.4120, -17.4581,
139.9587

■ 93.5840, -15.0779,
123.1448

■ 109.8380,
-13.7241, 108.8901

■ 125.6190,
-11.6442, 95.0501

■ 141.8730,
-10.2904, 80.7954

■ 157.6540, -8.2104,
66.9554

■ 173.3210, -6.5673,
53.2155

■ 189.6890, -4.7767,
38.8607

■ 205.3560, -3.1335,
25.1208

■ 221.7240, -1.3429,
10.7661

Harmonies

Analogous

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



85.2830, 15.1435, 136.5638



77.8030, -17.1579, 136.9848



106.7380, -52.6218, 78.2828

Triad

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



77.8030, -17.1579, 136.9848



88.0450, -25.6582, -77.2155



103.6190, 74.6308, -90.8739

Complementary

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



77.8030, -17.1579, 136.9848



161.1970, 17.1579, -136.9848

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.



111.9680, 68.5428, -98.1959



77.8030, -17.1579, 136.9848



99.2680, 9.7279, -87.0580

Square

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



77.8030, -17.1579, 136.9848



96.0000, -47.3280, -33.3260



108.5190, 42.6351, -95.1712



115.0300, 65.0612, -7.9193

Rectangle

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



77.8030, -17.1579, 136.9848



110.6490, -54.5500, 43.2808



108.5190, 42.6351, -95.1712



107.1410, 72.8945, -93.9627

Sweetspot

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



77.8030, -17.1579, 136.9848



204.4940, -5.6665, 44.2938



88.2150, 71.8720, 94.5274



97.2530, -3.5757, 26.9651



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.



77.8030, -17.1579, 136.9848



81.0330, -19.2433, 152.5691



118.0830, -55.7499, 101.6592



109.5170, -0.7479, 6.5626



57.5390, -13.5767, 108.2753



17.1720, -4.0288, 32.2982

Inverse Universe

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



77.8030, -17.1579, 136.9848



81.0330, -19.2433, 152.5691



120.9170, 55.7499, -101.6592



109.5170, -0.7479, 6.5626



57.5390, -13.5767, 108.2753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 77.8030, -17.1579, 136.9848 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 77.8030, -17.1579, 136.9848 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 77.8030, -17.1579, 136.9848

Background



This preview shows how black text looks on a background with the YUV color 77.8030, -17.1579, 136.9848.



This preview shows how white text looks on a background with the YUV color 77.8030, -17.1579,

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

77.8030, -17.1579, 136.9848

Protanopia

116.3610, -24.3350, 11.9614

Deuteranopia

112.9170, -44.3291, 31.6448



Tritanopia

81.9940, -40.4230, 132.4323

Trichromacy



Original Color

77.8030, -17.1579, 136.9848

Protanomaly

102.6300, -22.0026, 57.3295

Deuteranomaly

100.0910, -34.5549, 70.0802

Tritanomaly

80.2960, -31.6979, 133.9214

Monochromacy



Original Color

77.8030, -17.1579, 136.9848

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7120, -6.2670, 50.2416

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8030, -17.1579, 136.9848 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(234, 5, 43)` looks like.

```
.text, #text, p{  
    color:rgb(234, 5, 43)  
}
```

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(234, 5, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 5, 43) }
```

Border

The CSS property to change the border of an element to YUV 77.8030, -17.1579, 136.9848 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(234, 5, 43) }
```


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

```
.border{ border-color:rgb(234, 5, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 5, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 5, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 5, 43);  
box-shadow:4px 4px 4px 4px rgb(234, 5, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.8030, -17.1579, 136.9848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 5, 43) }
```

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

```
.background{ background-color: rgb(234, 5,  
43) }
```

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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