

Converting Colors

YUV(77.8910, -3.8903,
128.1376)

Have a look what the booklet for
YUV(77.8910, -3.8903, 128.1376)
contains.

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Color

**YUV(77.8910, -3.8903,
128.1376)**

Conversions

Conversions Part 1

Format	Color
Hex	E00546
RGB	224, 5, 70
RGB Percent	88%, 2%, 27%
CMY	0.1216, 0.9804, 0.7255
CMYK	0.00, 0.98, 0.69, 0.12
HSL	342°, 96%, 45%
HSV	342°, 98%, 88%
XYZ	31.9002, 16.3980, 7.2782
YIQ	77.8910, 109.6590, 66.6430

Conversions

Conversions Part 2

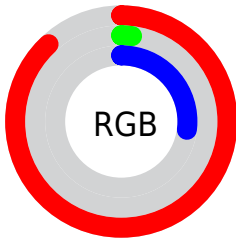
Format	Color
R_{YB}	224, 5, 70
Decimal	14681414
CIE _{Lab}	47.49, 73.80, 28.30
CIE _{LCh}	47, 79.040, 20.982
Yxy	16.3980, 0.5740, 0.2951
Android (android.graphics.Color)	4292871494 (0xFFE00546)
YUV	77.8910, -3.8903, 128.1376
Hunter-Lab	40.4945, 69.7511, 17.6898

Details

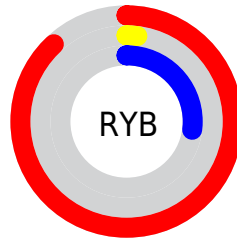
The YUV color **77.8910, -3.8903, 128.1376** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **151.1090, 3.8903, -128.1376**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7010, -12.6706, 97.6092**, and **51.0320, -11.3548, 95.5649** is the 20% darker color. If you saturate the color by 10%, you get **74.5000, -4.1905, 131.1115**, and if you desaturate by 10%, it is **92.6290, -3.2681, 115.2124**.

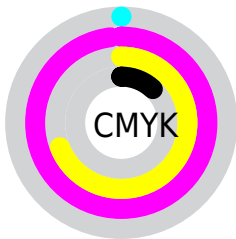
Distribution



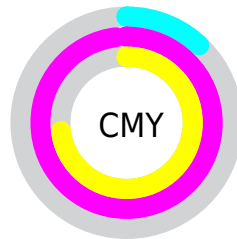
- Red (88%)
- Green (2%)
- Blue (27%)



- Red (88%)
- Yellow (2%)
- Blue (27%)



- Cyan (0%)
- Magenta (98%)
- Yellow (69%)
- Black (12%)



- Cyan (12%)
- Magenta (98%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8910, -3.8903, 128.1376 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 77.8910, -3.8903, 128.1376 by changing the saturation by 10% instead.

■ 77.8910, -3.8903,
128.1376

■ 77.8910, -3.8903,
128.1376

255.0000, 0.0000,
0.0000

■ 62.8800, -7.3358,
113.2382

■ 143.7010,
-12.6706, 97.6092

■ 51.0320, -11.3548,
95.5649

■ 164.7480,
-10.7218, 79.1510

■ 38.9130, -17.7051,
79.0063

■ 184.8490, -7.3206,
61.5224

■ 29.2310, -13.4249,
59.4334

■ 205.5370, -4.2087,
43.3791

■ 20.3750, -8.5659,
40.8901

■ 226.3390, -0.6601,
25.1357

■ 10.2800, -4.5750,
20.8024

■ 247.2550, 3.3253,

■ 0.0000, 0.0000,

6.7924

0.0000

■ 77.8910, -3.8903,
128.1376

■ 77.8910, -3.8903,
128.1376

■ 74.5000, -4.1905,
131.1115

■ 92.6290, -3.2681,
115.2124

■ 107.9540, -2.9353,
101.7723

■ 122.5780, -2.7500,
88.9471

■ 137.9030, -2.4172,
75.5071

■ 152.6410, -1.7950,
62.5818

■ 167.3790, -1.1728,
49.6566

■ 182.5900, -1.2769,
36.3166

■ 197.3280, -0.6547,
23.3913

■ 212.6530, -0.3219,
9.9513

Harmonies

Analogous

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



80.3870, 27.4172, 119.8096



77.8910, -3.8903, 128.1376



100.0040, -49.3020, 86.8195

Triad

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



77.8910, -3.8903, 128.1376



79.1140, -37.0312, -69.3830



102.5930, 70.6997, -89.9741

Complementary

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



77.8910, -3.8903, 128.1376



151.1090, 3.8903, -128.1376

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.



105.6300, 54.4124, -92.6375



77.8910, -3.8903, 128.1376



91.8530, -0.9135, -80.5551

Square

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



77.8910, -3.8903, 128.1376



100.0080, -49.3039, -6.1460



100.3060, 28.9361, -87.9684



95.1710, 70.9077, -63.2940

Rectangle

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



77.8910, -3.8903, 128.1376



105.7200, -52.1200, 57.2506



100.3060, 28.9361, -87.9684



104.8440, 66.6319, -91.9482

Sweetspot

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



77.8910, -3.8903, 128.1376



205.6340, -1.2986, 43.2940



75.7130, 73.1055, 72.1657



97.9370, -0.9549, 26.3653



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.



77.8910, -3.8903, 128.1376



84.9090, -4.3921, 149.1698



96.3090, -45.0153, 111.9850



104.6310, -0.3111, 6.4626



58.5520, -3.2301, 103.0019



15.9480, -0.9604, 28.1096

Inverse Universe

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



77.8910, -3.8903, 128.1376



84.9090, -4.3921, 149.1698



132.6910, 45.0153, -111.9850



104.6310, -0.3111, 6.4626



58.5520, -3.2301, 103.0019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 77.8910, -3.8903, 128.1376 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 77.8910, -3.8903, 128.1376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

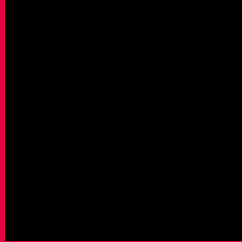
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.8910, -3.8903, 128.1376

Background



This preview shows how black text looks on a background with the YUV color 77.8910, -3.8903, 128.1376.

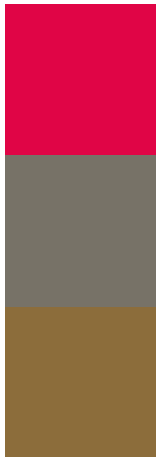


This preview shows how white text looks on a background with the YUV color 77.8910, -3.8903,

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

77.8910, -3.8903, 128.1376

Protanopia

114.2410, -5.5418, 4.1736

Deuteranopia

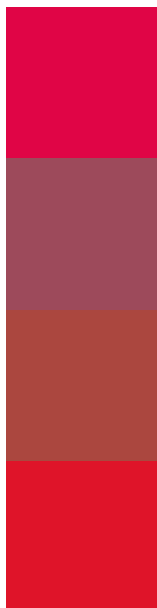
112.5690, -26.4095, 24.0570



Tritanopia

86.4360, -30.7809, 119.7666

Trichromacy



Original Color

77.8910, -3.8903, 128.1376

Protanomaly

100.7550, -4.8092, 49.3269

Deuteranomaly

99.9880, -18.2351, 62.2775

Tritanomaly

83.0910, -20.7509, 122.7002

Monochromacy



Original Color

77.8910, -3.8903, 128.1376

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.6560, -1.3094, 46.7827

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8910, -3.8903, 128.1376 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(224, 5, 70)` looks like.

```
.text, #text, p{  
    color:rgb(224, 5, 70)  
}
```

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(224, 5, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 5, 70) }
```

Border

The CSS property to change the border of an element to YUV 77.8910, -3.8903, 128.1376 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(224, 5, 70) }
```


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

```
.border{ border-color:rgb(224, 5, 70) }
```

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

Here you see how a box with a 4 pixel rgb(224, 5, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 5, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 5, 70);  
box-shadow:4px 4px 4px 4px rgb(224, 5, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.8910, -3.8903, 128.1376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 5, 70) }
```

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

```
.background{ background-color: rgb(224, 5,  
70) }
```

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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