

Converting Colors

YUV(75.9240, -3.9065,
133.3707)

Have a look what the booklet for
YUV(75.9240, -3.9065, 133.3707)
contains.

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Color

**YUV(75.9240, -3.9065,
133.3707)**

Conversions

Conversions Part 1

Format	Color
Hex	E40044
RGB	228, 0, 68
RGB Percent	89%, 0%, 27%
CMY	0.1059, 1.0000, 0.7333
CMYK	0.00, 1.00, 0.70, 0.11
HSL	342°, 100%, 45%
HSV	342°, 100%, 89%
XYZ	33.0383, 16.9113, 6.9917
YIQ	75.9240, 114.0600, 69.4840

Conversions

Conversions Part 2

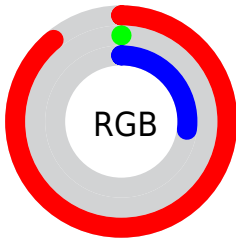
Format	Color
R_{YB}	228, 0, 68
Decimal	14942276
CIE Lab	48.15, 75.06, 30.51
CIE LCh	48, 81.022, 22.122
Yxy	16.9113, 0.5802, 0.2970
Android (android.graphics.Color)	4293132356 (0xFFE40044)
YUV	75.9240, -3.9065, 133.3707
Hunter-Lab	41.1234, 71.4399, 18.7060

Details

The YUV color **75.9240, -3.9065, 133.3707** 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 **152.0760, 3.9065, -133.3707**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4730, -13.5442, 97.8092**, and **52.0000, -12.8180, 98.2240** is the 20% darker color. If you saturate the color by 10%, you get **75.9240, -3.9065, 133.3707**, and if you desaturate by 10%, it is **91.2490, -3.5738, 119.9306**.

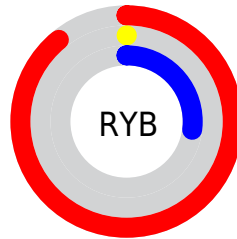
Distribution



Red (89%)

Green (0%)

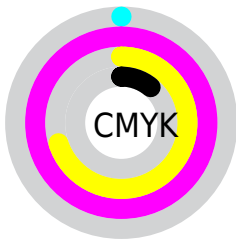
Blue (27%)



Red (89%)

Yellow (0%)

Blue (27%)

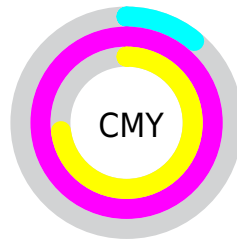


Cyan (0%)

Magenta (100%)

Yellow (70%)

Black (11%)



Cyan (11%)

Magenta (100%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.9240, -3.9065, 133.3707 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 75.9240, -3.9065, 133.3707 by changing the saturation by 10% instead.

■ 75.9240, -3.9065,
133.3707

■ 75.9240, -3.9065,
133.3707

255.0000, 0.0000,
0.0000

■ 63.8480, -8.7991,
115.8973

■ 143.4730,
-13.5442, 97.8092

■ 52.0000, -12.8180,
98.2240

■ 164.5200,
-11.5954, 79.3510

■ 39.4680, -19.4577,
81.1506

■ 185.2080, -8.4835,
61.2076

■ 30.1280, -13.8671,
61.2777

■ 205.3090, -5.0823,
43.5790

■ 21.3860, -8.5713,
42.6345

■ 226.1110, -1.5337,
25.3357

■ 11.4760, -5.1647,
23.2615

■ 247.5000, 1.7255,

■ 0.0000, 0.0000,

6.5775

0.0000

■ 75.9240, -3.9065,
133.3707

■ 91.2490, -3.5738,
119.9306

■ 106.5740, -3.2410,
106.4906

■ 121.3120, -2.6188,
93.5654

■ 136.6370, -2.2860,
80.1254

■ 151.9620, -1.9533,
66.6853

■ 167.2870, -1.6205,
53.2453

■ 182.6120, -1.2877,
39.8053

■ 197.3500, -0.6655,
26.8801

■ 212.6750, -0.3328,
13.4400

Harmonies

Analogous

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



82.0670, 26.0960, 123.5982



75.9240, -3.9065, 133.3707



101.4880, -50.0336, 88.1490

Triad

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



75.9240, -3.9065, 133.3707



80.6300, -36.2996, -70.7125



104.4510, 72.7417, -91.6035

Complementary

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



75.9240, -3.9065, 133.3707



152.0760, 3.9065, -133.3707

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.



107.6020, 56.8912, -94.3670



75.9240, -3.9065, 133.3707



93.3690, -0.1819, -81.8846

Square

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



75.9240, -3.9065, 133.3707



101.1710, -49.8773, -8.9200



102.6370, 30.2520, -90.0126



100.4000, 70.3018, -55.6018

Rectangle

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



75.9240, -3.9065, 133.3707



107.7800, -53.1355, 56.3209



102.6370, 30.2520, -90.0126



106.7020, 68.6739, -93.5777

Sweetspot

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



75.9240, -3.9065, 133.3707



204.2320, -1.5934, 44.5235



73.8320, 76.0048, 75.5693



97.2360, -1.1023, 26.9800



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.



75.9240, -3.9065, 133.3707



84.9090, -4.3921, 149.1698



95.1740, -46.9208, 116.4884



107.0440, -0.0217, 6.9774



59.5630, -3.2356, 104.7462



16.9590, -0.9658, 29.8540

Inverse Universe

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



75.9240, -3.9065, 133.3707



84.9090, -4.3921, 149.1698



132.8260, 46.9208, -116.4884



107.0440, -0.0217, 6.9774



59.5630, -3.2356, 104.7462



16.9590, -0.9658, 29.8540

Previews

White Background



This preview shows how the YUV color 75.9240, -3.9065, 133.3707 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 75.9240, -3.9065, 133.3707 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 75.9240, -3.9065, 133.3707

Background



This preview shows how black text looks on a background with the YUV color 75.9240, -3.9065, 133.3707.

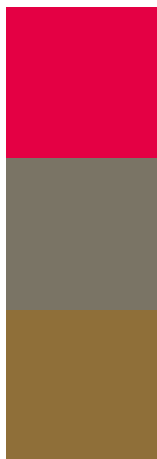


This preview shows how white text looks on a background with the YUV color 75.9240, -3.9065,

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

75.9240, -3.9065, 133.3707

Protanopia

116.0840, -7.4364, 5.1883

Deuteranopia

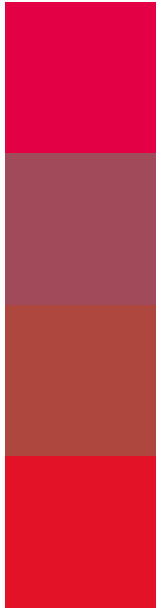
114.4120, -28.3041, 25.0717



Tritanopia

86.8170, -31.9548, 122.9405

Trichromacy



Original Color

75.9240, -3.9065, 133.3707

Protanomaly

101.7230, -6.2724, 51.9859

Deuteranomaly

100.6570, -19.5509, 64.3218

Tritanomaly

82.8850, -21.6353, 126.3889

Monochromacy



Original Color

75.9240, -3.9065, 133.3707

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.6670, -1.3148, 48.5270

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9240, -3.9065, 133.3707 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(228, 0, 68)` looks like.

```
.text, #text, p{  
    color:rgb(228, 0, 68)  
}
```

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(228, 0, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 0, 68) }
```

Border

The CSS property to change the border of an element to YUV 75.9240, -3.9065, 133.3707 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(228, 0, 68) }
```


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

```
.border{ border-color:rgb(228, 0, 68) }
```

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

Here you see how a box with a 4 pixel rgb(228, 0, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 0, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 0, 68);  
box-shadow:4px 4px 4px 4px rgb(228, 0, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.9240, -3.9065, 133.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 0, 68) }
```

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

```
.background{ background-color: rgb(228, 0,  
68) }
```

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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