

Converting Colors

YUV(76.5370, -0.2647,
131.9561)

Have a look what the booklet for
YUV(76.5370, -0.2647, 131.9561)
contains.

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Color

**YUV(76.5370, -0.2647,
131.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	E3004C
RGB	227, 0, 76
RGB Percent	89%, 0%, 30%
CMY	0.1098, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.67, 0.11
HSL	340°, 100%, 45%
HSV	340°, 100%, 89%
XYZ	32.9831, 16.8527, 8.3520
YIQ	76.5370, 110.8960, 71.7600

Conversions

Conversions Part 2

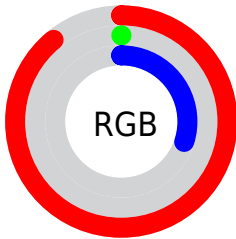
Format	Color
RYB	227, 0, 76
Decimal	14876748
CIELab	48.07, 75.18, 25.49
CIElCh	48, 79.386, 18.732
Yxy	16.8527, 0.5668, 0.2896
Android (android.graphics.Color)	4293066828 (0xFFE3004C)
YUV	76.5370, -0.2647, 131.9561
Hunter-Lab	41.0520, 71.5739, 16.6740

Details

The YUV color **76.5370, -0.2647, 131.9561** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **150.4630, 0.2647, -131.9561**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3850, -10.0498, 97.0094**, and **52.4990, -9.6130, 96.9094** is the 20% darker color. If you saturate the color by 10%, you get **76.5370, -0.2647, 131.9561**, and if you desaturate by 10%, it is **91.7480, -0.3688, 118.6160**.

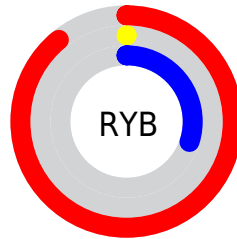
Distribution



Red (89%)

Green (0%)

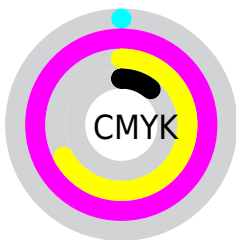
Blue (30%)



Red (89%)

Yellow (0%)

Blue (30%)

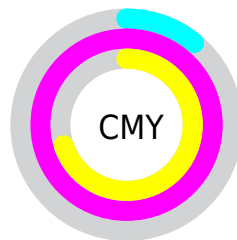


Cyan (0%)

Magenta (100%)

Yellow (67%)

Black (11%)



Cyan (11%)


Magenta (100%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.5370, -0.2647, 131.9561 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 76.5370, -0.2647, 131.9561 by changing the saturation by 10% instead.


 76.5370, -0.2647,
131.9561

 76.5370, -0.2647,
131.9561


255.0000, 0.0000,
0.0000

 64.4610, -5.1573,
114.4827


 144.3850,
-10.0498, 97.0094


 52.4990, -9.6130,
96.9094


 165.5460, -7.6642,
78.4512


 40.5370, -14.0687,
79.3361


 186.2340, -4.5524,
60.3078

 30.1280, -13.8671,
61.2777

 206.3350, -1.1512,
42.6792

 21.2720, -9.0081,
42.7345

 227.1370, 2.3975,
24.4359

 11.1770, -5.0173,
22.6468

 247.9560, 3.4727,

 0.0000, 0.0000,

■ 76.5370, -0.2647,
131.9561

■ 91.7480, -0.3688,
118.6160

■ 106.3720, -0.1834,
105.7908

■ 121.5830, -0.2874,
92.4507

■ 136.7940, -0.3914,
79.1107

■ 152.0050, -0.4955,
65.7706

■ 166.7430, 0.1267,
52.8454

■ 181.9540, 0.0227,
39.5053

■ 197.1650, -0.0813,
26.1653

■ 211.7890, 0.1040,
13.3400

Harmonies

Analogous

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



82.5440, 29.3118, 118.7949



76.5370, -0.2647, 131.9561



100.3250, -49.4602, 90.9230

Triad

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



76.5370, -0.2647, 131.9561



79.2450, -39.0678, -69.4979



104.4680, 70.2683, -91.6184

Complementary

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



76.5370, -0.2647, 131.9561



150.4630, 0.2647, -131.9561

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.



106.6900, 53.3968, -93.5671



76.5370, -0.2647, 131.9561



91.9840, -2.9501, -80.6700

Square

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



76.5370, -0.2647, 131.9561



102.6880, -50.6252, -2.3574



101.1380, 27.0470, -88.6980



91.0980, 74.8877, -79.8929

Rectangle

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



76.5370, -0.2647, 131.9561



106.6280, -52.5676, 60.8392



101.1380, 27.0470, -88.6980



106.0180, 66.0531, -92.9778

Sweetspot

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



76.5370, -0.2647, 131.9561



204.5740, -0.2830, 44.2236



70.1300, 77.3369, 68.2920



97.4640, -0.2288, 26.7801



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.



76.5370, -0.2647, 131.9561



85.9350, -0.4610, 148.2700



87.8310, -43.3007, 122.0512



107.0440, -0.0217, 6.9774



60.3610, -0.1780, 104.0464



17.1870, -0.0922, 29.6540

Inverse Universe

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



76.5370, -0.2647, 131.9561



85.9350, -0.4610, 148.2700



139.1690, 43.3007, -122.0512



107.0440, -0.0217, 6.9774



60.3610, -0.1780, 104.0464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 76.5370, -0.2647, 131.9561 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 76.5370, -0.2647, 131.9561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

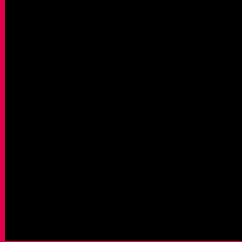
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.5370, -0.2647, 131.9561

Background



This preview shows how black text looks on a background with the YUV color 76.5370, -0.2647, 131.9561.



This preview shows how white text looks on a background with the YUV color 76.5370, -0.2647,

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

76.5370, -0.2647, 131.9561

Protanopia

115.8540, -1.9000, 2.7590

Deuteranopia

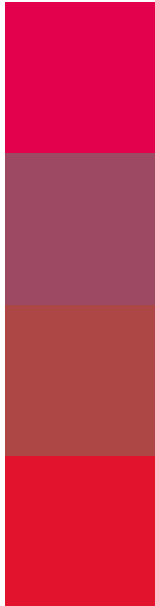
114.8400, -24.0781, 22.9423



Tritanopia

88.8490, -30.4916, 120.2814

Trichromacy



Original Color

76.5370, -0.2647, 131.9561

Protanomaly

101.3790, -1.1728, 49.6566

Deuteranomaly

101.0850, -15.3249, 62.1925

Tritanomaly

84.4440, -19.4459, 124.1446

Monochromacy



Original Color

76.5370, -0.2647, 131.9561

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0090, -0.0044, 48.2271

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5370, -0.2647, 131.9561 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(227, 0, 76)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 76)  
}
```

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(227, 0, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 76) }
```

Border

The CSS property to change the border of an element to YUV 76.5370, -0.2647, 131.9561 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(227, 0, 76) }
```


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

```
.border{ border-color:rgb(227, 0, 76) }
```

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

Here you see how a box with a 4 pixel rgb(227, 0, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 76);  
box-shadow:4px 4px 4px 4px rgb(227, 0, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.5370, -0.2647, 131.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 76) }
```

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

```
.background{ background-color: rgb(227, 0,  
76) }
```

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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