

Converting Colors

YUV(72.8480, -5.3481,
129.0523)

Have a look what the booklet for
YUV(72.8480, -5.3481, 129.0523)
contains.

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Color

**YUV(72.8480, -5.3481,
129.0523)**

Conversions

Conversions Part 1

Format	Color
Hex	DC003E
RGB	220, 0, 62
RGB Percent	86%, 0%, 24%
CMY	0.1373, 1.0000, 0.7569
CMYK	0.00, 1.00, 0.72, 0.14
HSL	343°, 100%, 43%
HSV	343°, 100%, 86%
XYZ	30.3847, 15.5634, 5.9600
YIQ	72.8480, 111.2180, 65.9220

Conversions

Conversions Part 2

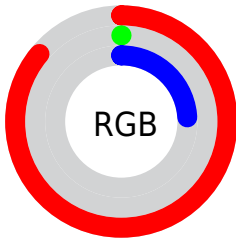
Format	Color
RYB	220, 0, 62
Decimal	14417982
CIELab	46.40, 72.93, 31.64
CIElCh	46, 79.500, 23.454
Yxy	15.5634, 0.5854, 0.2998
Android (android.graphics.Color)	4292608062 (0xFFDC003E)
YUV	72.8480, -5.3481, 129.0523
Hunter-Lab	39.4505, 68.4418, 18.6581

Details

The YUV color **72.8480, -5.3481, 129.0523** 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 **147.1520, 5.3481, -129.0523**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5010, -16.0230, 99.5386**, and **49.0380, -13.8227, 93.8057** is the 20% darker color. If you saturate the color by 10%, you get **72.8480, -5.3481, 129.0523**, and if you desaturate by 10%, it is **87.5860, -4.7259, 116.1271**.

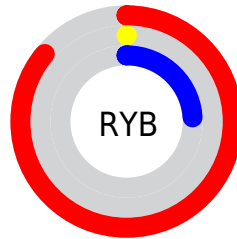
Distribution



Red (86%)

Green (0%)

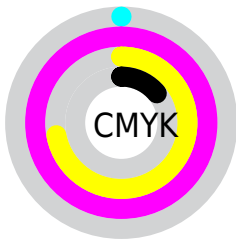
Blue (24%)



Red (86%)

Yellow (0%)

Blue (24%)

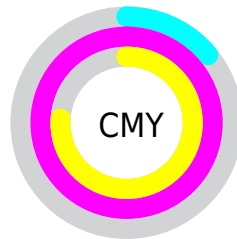


Cyan (0%)

Magenta (100%)

Yellow (72%)

Black (14%)



Cyan (14%)

Magenta (100%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.8480, -5.3481, 129.0523 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 72.8480, -5.3481, 129.0523 by changing the saturation by 10% instead.


 72.8480, -5.3481,
129.0523


 72.8480, -5.3481,
129.0523


255.0000, 0.0000,
0.0000


 60.7720, -10.2406,
111.5790


 141.5010,
-16.0230, 99.5386


 49.0380, -13.8227,
93.8057


 162.0750,
-13.3480, 81.4952

 37.0760, -18.2785,
76.2323


 182.6490,
-10.6730, 63.4518

 28.0350, -12.8353,
56.9743

 203.3370, -7.5611,
45.3085

 19.1790, -7.9762,
38.4310

 223.4380, -4.1599,
27.6799

 8.4860, -3.6906,
17.1138

 244.9410, -0.4639,

 0.0000, 0.0000,

■ 72.8480, -5.3481,
129.0523

■ 87.5860, -4.7259,
116.1271

■ 102.3240, -4.1037,
103.2019

■ 116.9480, -3.9184,
90.3766

■ 131.6860, -3.2962,
77.4514

■ 146.4240, -2.6740,
64.5262

■ 161.1620, -2.0519,
51.6009

■ 175.9000, -1.4297,
38.6757

■ 190.5240, -1.2443,
25.8505

■ 205.2620, -0.6222,
12.9252

Harmonies

Analogous

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



79.4750, 23.9228, 120.6094



72.8480, -5.3481, 129.0523



98.2100, -48.4175, 83.1308

Triad

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



72.8480, -5.3481, 129.0523



78.7380, -33.3948, -69.0532



100.1310, 71.4204, -87.8149

Complementary

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



72.8480, -5.3481, 129.0523



147.1520, 5.3481, -129.0523

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.



103.5100, 56.4436, -90.7783



72.8480, -5.3481, 129.0523



90.4340, 1.2650, -79.3106

Square

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



72.8480, -5.3481, 129.0523



96.7300, -47.6879, -11.1642



98.8870, 31.1147, -86.7239



99.4400, 66.3381, -44.2359

Rectangle

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



72.8480, -5.3481, 129.0523



103.6270, -51.0881, 52.9471



98.8870, 31.1147, -86.7239



102.4960, 67.7895, -89.8890

Sweetspot

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



72.8480, -5.3481, 129.0523



204.1180, -2.0302, 44.6235



72.3220, 72.8053, 75.1396



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.



72.8480, -5.3481, 129.0523



84.4530, -6.1393, 149.5697



93.9560, -46.3203, 110.5406



102.6310, -0.3111, 6.4626



57.3130, -4.0983, 101.4575



15.2360, -1.1023, 26.9800

Inverse Universe

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



72.8480, -5.3481, 129.0523



84.4530, -6.1393, 149.5697



126.0440, 46.3203, -110.5406



102.6310, -0.3111, 6.4626



57.3130, -4.0983, 101.4575



15.2360, -1.1023, 26.9800

Previews

White Background



This preview shows how the YUV color 72.8480, -5.3481, 129.0523 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 72.8480, -5.3481, 129.0523 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 72.8480, -5.3481, 129.0523

Background



This preview shows how black text looks on a background with the YUV color 72.8480, -5.3481, 129.0523.



This preview shows how white text looks on a background with the YUV color 72.8480, -5.3481,

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

72.8480, -5.3481, 129.0523

Protanopia

111.5140, -9.6204, 5.6882

Deuteranopia

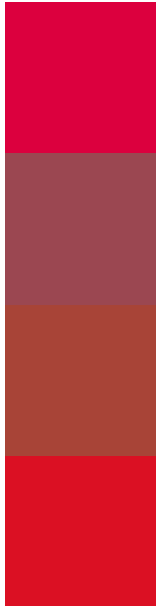
110.1840, -29.1777, 25.2716



Tritanopia

82.3220, -31.2177, 119.8666

Trichromacy



Original Color

72.8480, -5.3481, 129.0523

Protanomaly

97.2560, -8.0142, 50.6415

Deuteranomaly

96.4180, -20.4191, 62.7774

Tritanomaly

78.8630, -21.6245, 122.9001

Monochromacy



Original Color

72.8480, -5.3481, 129.0523

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.5420, -1.7462, 46.8827

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8480, -5.3481, 129.0523 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(220, 0, 62)` looks like.

```
.text, #text, p{  
    color:rgb(220, 0, 62)  
}
```

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(220, 0, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 0, 62) }
```

Border

The CSS property to change the border of an element to YUV 72.8480, -5.3481, 129.0523 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(220, 0, 62) }
```


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

```
.border{ border-color:rgb(220, 0, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 0, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 0, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 0, 62);  
box-shadow:4px 4px 4px 4px rgb(220, 0, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.8480, -5.3481, 129.0523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 0, 62) }
```

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

```
.background{ background-color: rgb(220, 0,  
62) }
```

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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