

Converting Colors

YUV(72.6060, -15.0888,
126.6335)

Have a look what the booklet for
YUV(72.6060, -15.0888, 126.6335)
contains.

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Color

**YUV(72.6060, -15.0888,
126.6335)**

Conversions

Conversions Part 1

Format	Color
Hex	D9052A
RGB	217, 5, 42
RGB Percent	85%, 2%, 16%
CMY	0.1490, 0.9804, 0.8353
CMYK	0.00, 0.98, 0.81, 0.15
HSL	350°, 95%, 44%
HSV	350°, 98%, 85%
XYZ	29.0875, 15.0274, 3.5580
YIQ	72.6060, 114.4750, 56.4510

Conversions

Conversions Part 2

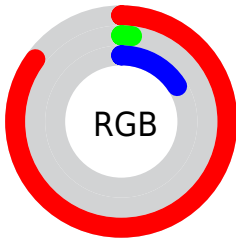
Format	Color
RYB	217, 5, 42
Decimal	14222634
CIELab	45.67, 71.12, 42.39
CIElCh	46, 82.793, 30.797
Yxy	15.0274, 0.6101, 0.3152
Android (android.graphics.Color)	4292412714 (0xFFD9052A)
YUV	72.6060, -15.0888, 126.6335
Hunter-Lab	38.7652, 66.0982, 21.6938

Details

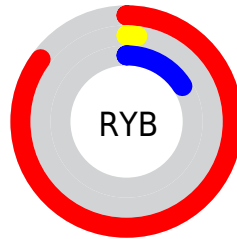
The YUV color **72.6060, -15.0888, 126.6335** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **149.3940, 15.0888, -126.6335**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1070, -25.1958, 101.6382**, and **45.7470, -22.5533, 94.0609** is the 20% darker color. If you saturate the color by 10%, you get **69.2150, -15.3890, 129.6074**, and if you desaturate by 10%, it is **87.5720, -13.5930, 113.5084**.

Distribution



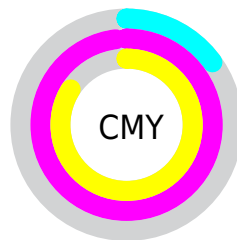
- Red (85%)
- Green (2%)
- Blue (16%)



- Red (85%)
- Yellow (2%)
- Blue (16%)



- Cyan (0%)
- Magenta (98%)
- Yellow (81%)
- Black (15%)



- Cyan (15%)
- Magenta (98%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6060, -15.0888, 126.6335 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 72.6060, -15.0888, 126.6335 by changing the saturation by 10% instead.

■ 72.6060, -15.0888,
126.6335

■ 72.6060, -15.0888,
126.6335

255.0000, 0.0000,
0.0000

■ 57.7090, -18.0975,
111.6342

■ 139.1070,
-25.1958, 101.6382

■ 45.7470, -22.5533,
94.0609

■ 159.5670,
-22.9575, 83.6947

■ 35.8800, -17.6888,
73.7732

■ 179.5540,
-19.9931, 66.1661

■ 26.8390, -12.2456,
54.5152

■ 200.1280,
-17.3181, 48.1227

■ 17.8690, -7.8234,
36.0719

■ 220.8160,
-14.2063, 29.9794

■ 6.2790, -3.0955,
12.9103

■ 241.6180,

■ 0.0000, 0.0000,

-10.6577, 11.7360

0.0000

254.3160, -2.6208,
0.5999

■ 72.6060, -15.0888,
126.6335

■ 72.6060, -15.0888,
126.6335

■ 69.2150, -15.3890,
129.6074

■ 87.5720, -13.5930,
113.5084

■ 101.9510,
-11.8078, 100.8980

■ 116.9170,
-10.3121, 87.7728

■ 131.8830, -8.8163,
74.6476

■ 146.8490, -7.3206,
61.5224

■ 161.1140, -5.9722,
49.0120

■ 176.0800, -4.4764,
35.8868

■ 191.0460, -2.9807,
22.7617

■ 205.4250, -1.1955,
10.1513

Harmonies

Analogous

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



78.9180, 15.3234, 125.4829



72.6060, -15.0888, 126.6335



98.7420, -48.6798, 73.8943

Triad

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



72.6060, -15.0888, 126.6335



81.0180, -24.6589, -71.0528



97.6520, 74.6146, -85.6408

Complementary

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



72.6060, -15.0888, 126.6335



149.3940, 15.0888, -126.6335

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.



103.7040, 62.2639, -90.9484



72.6060, -15.0888, 126.6335



91.5570, 8.1064, -80.2955

Square

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



72.6060, -15.0888, 126.6335



89.8310, -44.2867, -28.7928



100.1240, 38.3929, -87.8087



105.8680, 60.7041, -10.4082

Rectangle

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



72.6060, -15.0888, 126.6335



102.3760, -50.4714, 41.7662



100.1240, 38.3929, -87.8087



100.9460, 72.0046, -88.5296

Sweetspot

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



72.6060, -15.0888, 126.6335



204.6080, -5.2297, 44.1938



80.8950, 67.0998, 85.1611



97.3670, -3.1389, 26.8651



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.



72.6060, -15.0888, 126.6335



81.3750, -17.9329, 152.2691



107.7170, -50.6395, 95.8412



102.5170, -0.7479, 6.5626



55.1470, -12.3975, 103.3571



14.6660, -3.2863, 27.4799

Inverse Universe

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



72.6060, -15.0888, 126.6335



81.3750, -17.9329, 152.2691



114.2830, 50.6395, -95.8412



102.5170, -0.7479, 6.5626



55.1470, -12.3975, 103.3571



14.6660, -3.2863, 27.4799

Previews

White Background



This preview shows how the YUV color 72.6060, -15.0888, 126.6335 looks on a white background.

Color Contrast Check

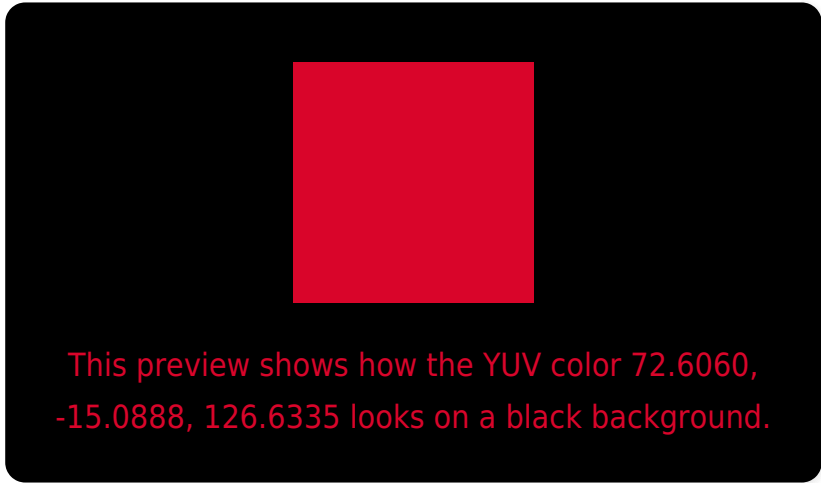
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 72.6060, -15.0888, 126.6335

Background



This preview shows how black text looks on a background with the YUV color 72.6060, -15.0888, 126.6335.



This preview shows how white text looks on a background with the YUV color 72.6060, -15.0888,

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

72.6060, -15.0888, 126.6335

Protanopia

107.8600, -21.1300, 10.6468

Deuteranopia

105.1600, -39.5189, 28.8007



Tritanopia

75.7370, -37.3383, 123.0107

Trichromacy



Original Color

72.6060, -15.0888, 126.6335

Protanomaly

95.1070, -18.7868, 52.5262

Deuteranomaly

93.3830, -30.7548, 64.5621

Tritanomaly

74.5120, -29.3394, 124.0850

Monochromacy



Original Color

72.6060, -15.0888, 126.6335

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.6190, -5.2352, 45.9381

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6060, -15.0888, 126.6335 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(217, 5, 42)` looks like.

```
.text, #text, p{  
    color:rgb(217, 5, 42)  
}
```

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(217, 5, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 5, 42) }
```

Border

The CSS property to change the border of an element to YUV 72.6060, -15.0888, 126.6335 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(217, 5, 42) }
```


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

```
.border{ border-color:rgb(217, 5, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 5, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 5, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 5, 42);  
box-shadow:4px 4px 4px 4px rgb(217, 5, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.6060, -15.0888, 126.6335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 5, 42) }
```

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

```
.background{ background-color: rgb(217, 5,  
42) }
```

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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