

Converting Colors

YUV(72.1080, -3.0112,
126.1933)

Have a look what the booklet for
YUV(72.1080, -3.0112, 126.1933)
contains.

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Color

**YUV(72.1080, -3.0112,
126.1933)**

Conversions

Conversions Part 1

Format	Color
Hex	D80042
RGB	216, 0, 66
RGB Percent	85%, 0%, 26%
CMY	0.1529, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.69, 0.15
HSL	342°, 100%, 42%
HSV	342°, 100%, 85%
XYZ	29.3023, 14.9923, 6.5037
YIQ	72.1080, 107.5500, 66.3180

Conversions

Conversions Part 2

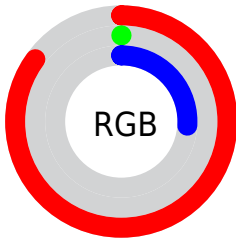
Format	Color
R_{YB}	216, 0, 66
Decimal	14155842
CIE Lab	45.62, 72.15, 28.07
CIE LCh	46, 77.420, 21.256
Yxy	14.9923, 0.5768, 0.2951
Android (android.graphics.Color)	4292345922 (0xFFD80042)
YUV	72.1080, -3.0112, 126.1933
Hunter-Lab	38.7199, 67.3248, 17.1451

Details

The YUV color **72.1080, -3.0112, 126.1933** 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 **143.8920, 3.0112, -126.1933**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4840, -13.5496, 99.5535**, and **48.1840, -11.9227, 91.0466** is the 20% darker color. If you saturate the color by 10%, you get **72.1080, -3.0112, 126.1933**, and if you desaturate by 10%, it is **86.7320, -2.8259, 113.3680**.

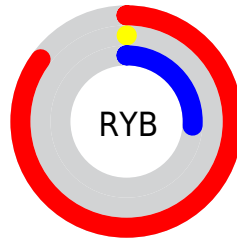
Distribution



Red (85%)

Green (0%)

Blue (26%)



Red (85%)

Yellow (0%)

Blue (26%)

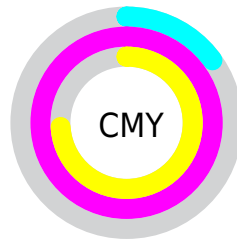


Cyan (0%)

Magenta (100%)

Yellow (69%)

Black (15%)



Cyan (15%)

Magenta (100%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.1080, -3.0112, 126.1933 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 72.1080, -3.0112, 126.1933 by changing the saturation by 10% instead.

■ 72.1080, -3.0112,
126.1933

■ 72.1080, -3.0112,
126.1933

255.0000, 0.0000,
0.0000

■ 60.0320, -7.9038,
108.7199

■ 141.4840,
-13.5496, 99.5535

■ 48.1840, -11.9227,
91.0466

■ 161.9440,
-11.3114, 81.6101

■ 36.1790, -17.8362,
74.3880

■ 182.5180, -8.6364,
63.5667

■ 27.1380, -12.3930,
55.1300

■ 203.2060, -5.5246,
45.4233

■ 18.2820, -7.5340,
36.5867

■ 223.4210, -1.6866,
27.6948

■ 6.5780, -3.2430,
13.5251

■ 244.3370, 2.2989,

■ 0.0000, 0.0000,

9.3515

0.0000

■ 72.1080, -3.0112,
126.1933

■ 86.7320, -2.8259,
113.3680

■ 100.7690, -2.3511,
101.0576

■ 115.3930, -2.1657,
88.2323

■ 129.4300, -1.6910,
75.9219

■ 144.0540, -1.5056,
63.0966

■ 158.6780, -1.3203,
50.2714

■ 172.7150, -0.8455,
37.9609

■ 187.3390, -0.6601,
25.1357

■ 201.3760, -0.1854,
12.8252

Harmonies

Analogous

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



77.6100, 25.8283, 116.1060



72.1080, -3.0112, 126.1933



95.5630, -47.1126, 84.5752

Triad

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



72.1080, -3.0112, 126.1933



76.0650, -36.0210, -66.7090



98.7460, 68.6522, -86.6002

Complementary

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



72.1080, -3.0112, 126.1933



143.8920, 3.0112, -126.1933

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.



101.3100, 53.0912, -88.8489



72.1080, -3.0112, 126.1933



87.8750, -0.9244, -77.0664

Square

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



72.1080, -3.0112, 126.1933



95.5780, -47.1200, -6.6459



96.8010, 28.1991, -84.8945



91.9110, 68.5709, -60.4349

Rectangle

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



72.1080, -3.0112, 126.1933



101.2790, -49.9305, 55.0063



96.8010, 28.1991, -84.8945



100.9970, 64.5845, -88.5744

Sweetspot

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



72.1080, -3.0112, 126.1933



204.3460, -1.1566, 44.4236



68.8760, 72.5321, 69.3917



97.3500, -0.6656, 26.8800



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.



72.1080, -3.0112, 126.1933



85.1370, -3.5185, 148.9699



88.0640, -43.4156, 112.1999



99.7450, 0.1257, 6.3626



57.0570, -2.4931, 99.9280



14.3390, -0.6601, 25.1357

Inverse Universe

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



72.1080, -3.0112, 126.1933



85.1370, -3.5185, 148.9699



127.9360, 43.4156, -112.1999



99.7450, 0.1257, 6.3626



57.0570, -2.4931, 99.9280



14.3390, -0.6601, 25.1357

Previews

White Background



This preview shows how the YUV color 72.1080, -3.0112, 126.1933 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 72.1080, -3.0112, 126.1933 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 72.1080, -3.0112, 126.1933

Background



This preview shows how black text looks on a background with the YUV color 72.1080, -3.0112, 126.1933.



This preview shows how white text looks on a background with the YUV color 72.1080, -3.0112,

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

72.1080, -3.0112, 126.1933

Protanopia

110.1270, -5.9786, 4.2736

Deuteranopia

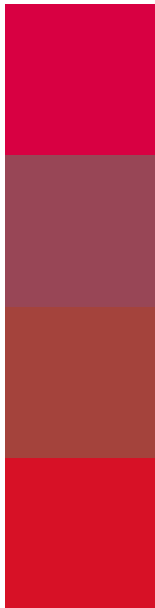
108.3840, -25.8253, 23.3422



Tritanopia

82.6420, -29.8965, 116.0780

Trichromacy



Original Color

72.1080, -3.0112, 126.1933

Protanomaly

96.3420, -5.0986, 48.8121

Deuteranomaly

95.2050, -17.3561, 60.3332

Tritanomaly

78.5960, -20.0138, 119.6263

Monochromacy



Original Color

72.1080, -3.0112, 126.1933

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0580, -1.0146, 45.5531

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.1080, -3.0112, 126.1933 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(216, 0, 66)` looks like.

```
.text, #text, p{  
    color:rgb(216, 0, 66)  
}
```

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(216, 0, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 0, 66) }
```

Border

The CSS property to change the border of an element to YUV 72.1080, -3.0112, 126.1933 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(216, 0, 66) }
```


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

```
.border{ border-color:rgb(216, 0, 66) }
```

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

Here you see how a box with a 4 pixel rgb(216, 0, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 0, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 0, 66);  
box-shadow:4px 4px 4px 4px rgb(216, 0, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.1080, -3.0112, 126.1933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 0, 66) }
```

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

```
.background{ background-color: rgb(216, 0,  
66) }
```

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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