

Converting Colors

YUV(72.7640, 2.0883, 123.8640)

Have a look what the booklet for
YUV(72.7640, 2.0883, 123.8640)
contains.

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Color

**YUV(72.7640, 2.0883,
123.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	D6004D
RGB	214, 0, 77
RGB Percent	84%, 0%, 30%
CMY	0.1608, 1.0000, 0.6980
CMYK	0.00, 1.00, 0.64, 0.16
HSL	338°, 100%, 42%
HSV	338°, 100%, 84%
XYZ	29.0711, 14.8320, 8.3518
YIQ	72.7640, 102.8270, 69.3150

Conversions

Conversions Part 2

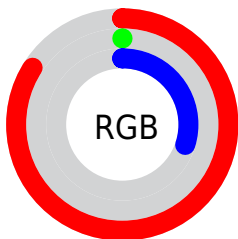
Format	Color
RYB	214, 0, 77
Decimal	14024781
CIELab	45.40, 72.21, 20.89
CIELCh	45, 75.174, 16.134
Yxy	14.8320, 0.5563, 0.2838
Android (android.graphics.Color)	4292214861 (0xFFD6004D)
YUV	72.7640, 2.0883, 123.8640
Hunter-Lab	38.5123, 67.3447, 14.1009

Details

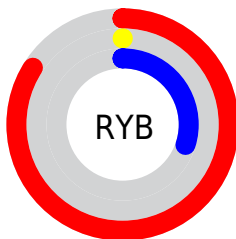
The YUV color **72.7640, 2.0883, 123.8640** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **141.2360, -2.0883, -123.8640**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7380, -8.7448, 98.4538**, and **49.0250, -7.4073, 89.4321** is the 20% darker color. If you saturate the color by 10%, you get **72.7640, 2.0883, 123.8640**, and if you desaturate by 10%, it is **86.6870, 2.1263, 111.6535**.

Distribution



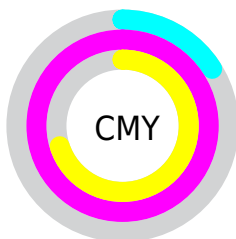
- Red (84%)
- Green (0%)
- Blue (30%)



- Red (84%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (16%)



- Cyan (16%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.7640, 2.0883, 123.8640 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 72.7640, 2.0883, 123.8640 by changing the saturation by 10% instead.


 72.7640, 2.0883,
123.8640


 72.7640, 2.0883,
123.8640


255.0000, 0.0000,
0.0000


 60.6880, -2.8042,
106.3906


 142.7380, -8.7448,
98.4538


 49.0250, -7.4073,
89.4321


 163.3120, -6.0698,
80.4104


 37.3620, -12.0105,
72.4735


 184.0000, -2.9580,
62.2670

 26.8390, -12.2456,
54.5152

 204.6880, 0.1538,
44.1236

 17.8690, -7.8234,
36.0719

 224.9030, 3.9918,
26.3951

 6.2790, -3.0955,
12.9103

 245.0210, 4.9196,

 0.0000, 0.0000,

8.7516

0.0000

■ 72.7640, 2.0883,
123.8640

■ 86.6870, 2.1263,
111.6535

■ 101.0830, 1.4381,
99.0282

■ 115.0060, 1.4760,
86.8177

■ 129.5160, 1.2246,
74.0925

■ 143.3250, 0.8258,
61.9820

■ 157.2480, 0.8637,
49.7715

■ 171.7580, 0.6123,
37.0462

■ 185.6810, 0.6503,
24.8358

■ 200.0770, -0.0380,
12.2105

Harmonies

Analogous

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



85.6360, 26.3085, 102.0512



72.7640, 2.0883, 123.8640



94.6650, -41.7398, 87.9938

Triad

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



72.7640, 2.0883, 123.8640



73.9620, -36.4633, -64.8647



99.1220, 65.0159, -86.9300

Complementary

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



72.7640, 2.0883, 123.8640



141.2360, -2.0883, -123.8640

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.



100.0560, 48.2864, -87.7491



72.7640, 2.0883, 123.8640



86.0340, -5.4398, -75.4518

Square

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



72.7640, 2.0883, 123.8640



97.4050, -48.0207, 2.2758



94.7320, 22.8101, -83.0800



87.2680, 70.3669, -76.5340

Rectangle

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



72.7640, 2.0883, 123.8640



100.1380, -49.3680, 61.2690



94.7320, 22.8101, -83.0800



99.9710, 60.6533, -87.6746

Sweetspot

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



72.7640, 2.0883, 123.8640



204.8020, 0.5906, 44.0236



65.0600, 73.4274, 62.2144



97.5780, 0.2080, 26.6801



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.



72.7640, 2.0883, 123.8640



86.7330, 2.5966, 147.5702



81.0090, -39.9374, 116.6331



99.7450, 0.1257, 6.3626



58.0830, 1.4381, 99.0282



14.6810, 0.6503, 24.8358

Inverse Universe

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



72.7640, 2.0883, 123.8640



86.7330, 2.5966, 147.5702



132.9910, 39.9374, -116.6331



99.7450, 0.1257, 6.3626



58.0830, 1.4381, 99.0282



14.6810, 0.6503, 24.8358

Previews

White Background



This preview shows how the YUV color 72.7640, 2.0883, 123.8640 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 72.7640, 2.0883, 123.8640 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 72.7640, 2.0883, 123.8640

Background



This preview shows how black text looks on a background with the YUV color 72.7640, 2.0883, 123.8640.



This preview shows how white text looks on a background with the YUV color 72.7640, 2.0883, 123.8640.

123.8640.

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

72.7640, 2.0883, 123.8640

Protanopia

110.0540, 1.4524, 0.8296

Deuteranopia

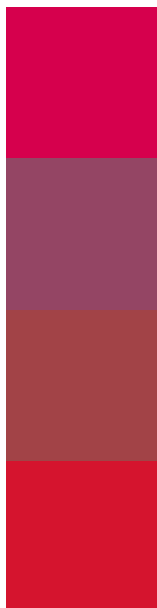
109.1540, -20.2889, 20.9129



Tritanopia

85.0760, -28.1385, 112.1893

Trichromacy



Original Color

72.7640, 2.0883, 123.8640

Protanomaly

96.1550, 1.8956, 45.4681

Deuteranomaly

95.8610, -12.2565, 58.0039

Tritanomaly

80.6710, -17.0928, 116.0525

Monochromacy



Original Color

72.7640, 2.0883, 123.8640

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.5140, 0.7326, 45.1532

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7640, 2.0883, 123.8640 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(214, 0, 77)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 77)  
}
```

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(214, 0, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 77) }
```

Border

The CSS property to change the border of an element to YUV 72.7640, 2.0883, 123.8640 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(214, 0, 77) }
```


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

```
.border{ border-color:rgb(214, 0, 77) }
```

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

Here you see how a box with a 4 pixel rgb(214, 0, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 77);  
box-shadow:4px 4px 4px 4px rgb(214, 0, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.7640, 2.0883, 123.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 77) }
```

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

```
.background{ background-color: rgb(214, 0,  
77) }
```

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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