

Converting Colors

YUV(73.6610, 1.6461, 125.7083)

Have a look what the booklet for
YUV(73.6610, 1.6461, 125.7083)
contains.

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Color

**YUV(73.6610, 1.6461,
125.7083)**

Conversions

Conversions Part 1

Format	Color
Hex	D9004D
RGB	217, 0, 77
RGB Percent	85%, 0%, 30%
CMY	0.1490, 1.0000, 0.6980
CMYK	0.00, 1.00, 0.65, 0.15
HSL	339°, 100%, 43%
HSV	339°, 100%, 85%
XYZ	29.9548, 15.2875, 8.3932
YIQ	73.6610, 104.6150, 69.9510

Conversions

Conversions Part 2

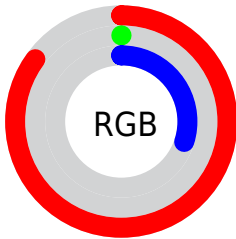
Format	Color
RYB	217, 0, 77
Decimal	14221389
CIELab	46.03, 72.91, 21.82
CIElCh	46, 76.106, 16.663
Yxy	15.2875, 0.5585, 0.2850
Android (android.graphics.Color)	4292411469 (0xFFD9004D)
YUV	73.6610, 1.6461, 125.7083
Hunter-Lab	39.0993, 68.3291, 14.6421

Details

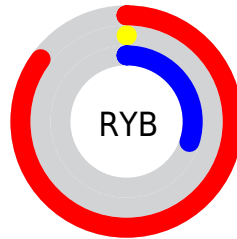
The YUV color **73.6610, 1.6461, 125.7083** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **143.3390, -1.6461, -125.7083**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3250, -9.0342, 97.9390**, and **49.9220, -7.8495, 91.2764** is the 20% darker color. If you saturate the color by 10%, you get **73.6610, 1.6461, 125.7083**, and if you desaturate by 10%, it is **88.1710, 1.3947, 112.9830**.

Distribution



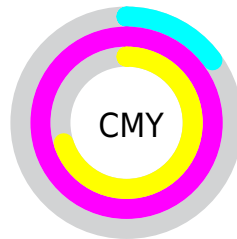
- Red (85%)
- Green (0%)
- Blue (30%)



- Red (85%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (15%)





- Cyan (15%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.6610, 1.6461, 125.7083 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 73.6610, 1.6461, 125.7083 by changing the saturation by 10% instead.


 73.6610, 1.6461,
125.7083


 73.6610, 1.6461,
125.7083


255.0000, 0.0000,
0.0000


 61.5850, -3.2464,
108.2350


 143.3250, -9.0342,
97.9390


 49.9220, -7.8495,
91.2764


 163.8990, -6.3592,
79.8956

 38.2590, -12.4527,
74.3179


 184.5870, -3.2474,
61.7522

 27.7360, -12.6878,
56.3595

 204.6880, 0.1538,
44.1236

 18.8800, -7.8288,
37.8162

 225.4900, 3.7024,
25.8803

 7.8880, -3.3958,
15.8842

 245.6080, 4.6303,

 0.0000, 0.0000,

■ 73.6610, 1.6461,
125.7083

■ 88.1710, 1.3947,
112.9830

■ 102.0940, 1.4327,
100.7726

■ 116.6040, 1.1812,
88.0473

■ 131.1140, 0.9298,
75.3220

■ 145.6240, 0.6784,
62.5968

■ 159.5470, 0.7163,
50.3863

■ 174.0570, 0.4649,
37.6610

■ 188.5670, 0.2135,
24.9357

■ 202.4900, 0.2514,
12.7253

Harmonies

Analogous

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



85.7720, 26.7344, 105.4400



73.6610, 1.6461, 125.7083



95.6220, -43.1976, 88.9085

Triad

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



73.6610, 1.6461, 125.7083



75.1360, -37.0420, -65.8943



100.1650, 66.4737, -87.8447

Complementary

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



73.6610, 1.6461, 125.7083



143.3390, -1.6461, -125.7083

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.



101.6860, 49.4548, -89.1786



73.6610, 1.6461, 125.7083



87.4360, -5.1449, -76.6814

Square

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



73.6610, 1.6461, 125.7083



98.5790, -48.5994, 1.2462



96.2480, 23.5417, -84.4095



88.1970, 71.3879, -77.3488

Rectangle

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



73.6610, 1.6461, 125.7083



101.9100, -50.2416, 61.4689



96.2480, 23.5417, -84.4095



101.6010, 61.8217, -89.1041

Sweetspot

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



73.6610, 1.6461, 125.7083



204.8020, 0.5906, 44.0236



65.7010, 74.5904, 62.5292



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.



73.6610, 1.6461, 125.7083



86.5050, 1.7230, 147.7701



81.9060, -40.3797, 118.4774



102.7450, 0.1257, 6.3626



58.7950, 1.5801, 100.1578



15.5780, 0.2080, 26.6801

Inverse Universe

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



73.6610, 1.6461, 125.7083



86.5050, 1.7230, 147.7701



135.0940, 40.3797, -118.4774



102.7450, 0.1257, 6.3626



58.7950, 1.5801, 100.1578



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 73.6610, 1.6461, 125.7083 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 73.6610, 1.6461, 125.7083 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 73.6610, 1.6461, 125.7083

Background



This preview shows how black text looks on a background with the YUV color 73.6610, 1.6461, 125.7083.



This preview shows how white text looks on a background with the YUV color 73.6610, 1.6461, 125.7083.

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

73.6610, 1.6461, 125.7083

Protanopia

110.9400, 1.0156, 0.9296

Deuteranopia

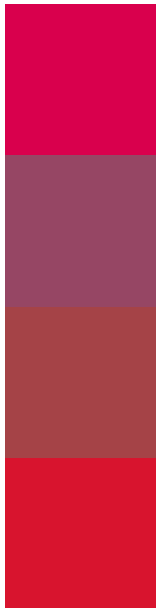
110.2250, -21.3099, 21.7277



Tritanopia

85.9730, -28.5807, 114.0337

Trichromacy



Original Color

73.6610, 1.6461, 125.7083

Protanomaly

97.3400, 1.3114, 46.1828

Deuteranomaly

96.7580, -12.6987, 59.8482

Tritanomaly

81.5680, -17.5350, 117.8969

Monochromacy



Original Color

73.6610, 1.6461, 125.7083

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8130, 0.5852, 45.7680

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.6610, 1.6461, 125.7083 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, 0, 77)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 0, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 77) }
```

Border

The CSS property to change the border of an element to YUV 73.6610, 1.6461, 125.7083 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, 0, 77) }
```


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

```
.border{ border-color:rgb(217, 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(217, 0, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 77);  
box-shadow:4px 4px 4px 4px rgb(217, 0, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.6610, 1.6461, 125.7083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 77) }
```

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

```
.background{ background-color: rgb(217, 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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