

Converting Colors

YUV(73.7620, 8.4983, 121.2347)

Have a look what the booklet for
YUV(73.7620, 8.4983, 121.2347)
contains.

YUV(73.7620, 8.4983, 121.2347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(73.7620, 8.4983,
121.2347)**

Conversions

Conversions Part 1

Format	Color
Hex	D4005B
RGB	212, 0, 91
RGB Percent	83%, 0%, 36%
CMY	0.1686, 1.0000, 0.6431
CMYK	0.00, 1.00, 0.57, 0.17
HSL	334°, 100%, 42%
HSV	334°, 100%, 83%
XYZ	29.0397, 14.7524, 11.2145
YIQ	73.7620, 97.1410, 73.2450

Conversions

Conversions Part 2

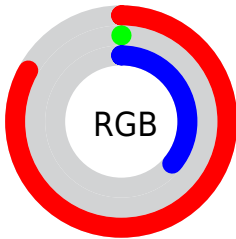
Format	Color
R_{YB}	212, 0, 91
Decimal	13893723
CIE _{Lab}	45.29, 72.57, 11.93
CIE _{LCh}	45, 73.540, 9.335
Yxy	14.7524, 0.5279, 0.2682
Android (android.graphics.Color)	4292083803 (0xFFD4005B)
YUV	73.7620, 8.4983, 121.2347
Hunter-Lab	38.4088, 67.7428, 9.5749

Details

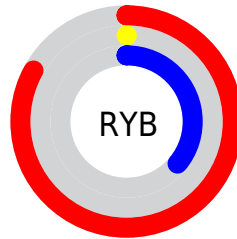
The YUV color **73.7620, 8.4983, 121.2347** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **138.2380, -8.4983, -121.2347**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5620, -1.7561, 96.8541**, and **50.0940, -2.0183, 87.6176** is the 20% darker color. If you saturate the color by 10%, you get **73.7620, 8.4983, 121.2347**, and if you desaturate by 10%, it is **87.4570, 7.6627, 109.2242**.

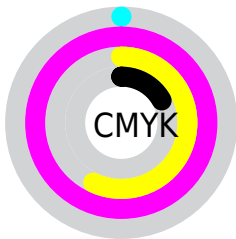
Distribution



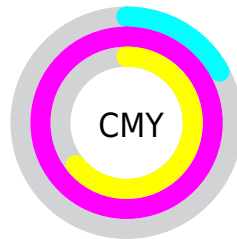
- Red (83%)
- Green (0%)
- Blue (36%)



- Red (83%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (17%)





- Cyan (17%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.7620, 8.4983, 121.2347 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 73.7620, 8.4983, 121.2347 by changing the saturation by 10% instead.


 73.7620, 8.4983,
121.2347


 73.7620, 8.4983,
121.2347


255.0000, 0.0000,
0.0000


 61.8710, 3.0216,
104.4761


 144.5620, -1.7561,
96.8541

 50.0940, -2.0183,
87.6176


 165.1360, 0.9190,
78.8107


 38.5450, -6.1847,
70.5590


 185.8240, 4.0308,
60.6674

 26.8390, -12.2456,
54.5152

 206.6260, 7.5794,
42.4240

 17.8690, -7.8234,
36.0719

 226.8410, 11.4174,
24.6954

 6.2790, -3.0955,
12.9103

 245.0210, 4.9196,

 0.0000, 0.0000,

8.7516

0.0000

■ 73.7620, 8.4983,
121.2347

■ 87.4570, 7.6627,
109.2242

■ 101.1520, 6.8271,
97.2137

■ 115.4340, 5.7020,
84.6884

■ 129.1290, 4.8664,
72.6779

■ 142.9380, 4.4676,
60.5674

■ 156.6330, 3.6319,
48.5569

■ 170.3280, 2.7963,
36.5463

■ 184.6100, 1.6713,
24.0210

■ 198.3050, 0.8356,
12.0105

Harmonies

Analogous

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



95.8680, 27.6731, 84.3078



73.7620, 8.4983, 121.2347



93.8580, -30.9890, 93.0865

Triad

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



73.7620, 8.4983, 121.2347



84.1500, -41.4859, -40.4735



99.3840, 60.9427, -87.1598

Complementary

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



73.7620, 8.4983, 121.2347



138.2380, -8.4983, -121.2347

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.



98.4600, 42.1712, -86.3494



73.7620, 8.4983, 121.2347



83.2640, -10.9762, -73.0225

Square

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



73.7620, 8.4983, 121.2347



99.2430, -48.9268, 12.9419



92.4350, 16.5475, -81.0655



90.2030, 68.9199, -79.1080

Rectangle

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



73.7620, 8.4983, 121.2347



98.4210, -48.5216, 69.7908



92.4350, 16.5475, -81.0655



100.0050, 55.7065, -87.7044

Sweetspot

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



73.7620, 8.4983, 121.2347



205.3720, 2.7746, 43.5238



60.0480, 74.9123, 52.5779



97.9200, 1.5184, 26.3802



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.



73.7620, 8.4983, 121.2347



88.6710, 10.0222, 145.8705



71.6060, -35.3018, 123.1255



99.8590, 0.5625, 6.2627



59.4510, 6.6797, 97.8285



15.0230, 1.9607, 24.5358

Inverse Universe

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



73.7620, 8.4983, 121.2347



88.6710, 10.0222, 145.8705



140.3940, 35.3018, -123.1255



99.8590, 0.5625, 6.2627



59.4510, 6.6797, 97.8285



15.0230, 1.9607, 24.5358

Previews

White Background



This preview shows how the YUV color 73.7620, 8.4983, 121.2347 looks on a white background.

Color Contrast Check

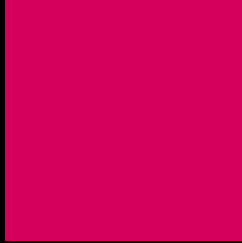
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.7620, 8.4983, 121.2347 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 73.7620, 8.4983, 121.2347

Background



This preview shows how black text looks on a background with the YUV color 73.7620, 8.4983, 121.2347.



This preview shows how white text looks on a background with the YUV color 73.7620, 8.4983,

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

73.7620, 8.4983, 121.2347

Protanopia

109.5400, 11.0728, -4.8586

Deuteranopia

109.5540, -13.5841, 17.0541



Tritanopia

87.9120, -26.0856, 107.0712

Trichromacy



Original Color

73.7620, 8.4983, 121.2347

Protanomaly

96.5980, 10.0582, 40.6946

Deuteranomaly

96.5600, -5.6991, 54.7599

Tritanomaly

82.8600, -13.7350, 112.3788

Monochromacy



Original Color

73.7620, 8.4983, 121.2347

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7850, 3.0640, 44.0386

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7620, 8.4983, 121.2347 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(212, 0, 91)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 91)  
}
```

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(212, 0, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 91) }
```

Border

The CSS property to change the border of an element to YUV 73.7620, 8.4983, 121.2347 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(212, 0, 91) }
```


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

```
.border{ border-color:rgb(212, 0, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 0, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 91);  
box-shadow:4px 4px 4px 4px rgb(212, 0, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.7620, 8.4983, 121.2347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 91) }
```

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

```
.background{ background-color: rgb(212, 0,  
91) }
```

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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