

Converting Colors

YUV(83.2170, -5.0370,
122.5897)

Have a look what the booklet for
YUV(83.2170, -5.0370, 122.5897)
contains.

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Color

**YUV(83.2170, -5.0370,
122.5897)**

Conversions

Conversions Part 1

Format	Color
Hex	DF0E49
RGB	223, 14, 73
RGB Percent	87%, 5%, 29%
CMY	0.1255, 0.9451, 0.7137
CMYK	0.00, 0.94, 0.67, 0.13
HSL	343°, 88%, 46%
HSV	343°, 94%, 87%
XYZ	31.7911, 16.4831, 7.8093
YIQ	83.2170, 105.6250, 62.6570

Conversions

Conversions Part 2

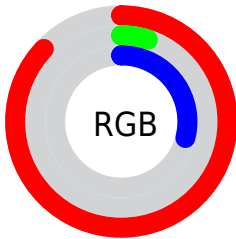
Format	Color
R_{YB}	223, 14, 73
Decimal	14618185
CIE Lab	47.60, 72.93, 26.56
CIE LCh	48, 77.617, 20.013
Yxy	16.4831, 0.5669, 0.2939
Android (android.graphics.Color)	4292808265 (0xFFDF0E49)
YUV	83.2170, -5.0370, 122.5897
Hunter-Lab	40.5994, 68.7243, 17.0151

Details

The YUV color **83.2170, -5.0370, 122.5897** 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 **153.7830, 5.0370, -122.5897**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2170, -11.9390, 96.2797**, and **50.9610, -10.3338, 94.7502** is the 20% darker color. If you saturate the color by 10%, you get **73.8590, -5.3535, 130.7967**, and if you desaturate by 10%, it is **97.9550, -4.4148, 109.6645**.

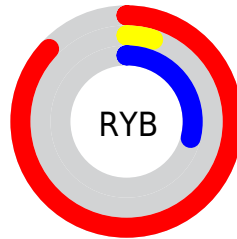
Distribution



Red (87%)

Green (5%)

Blue (29%)



Red (87%)

Yellow (5%)

Blue (29%)

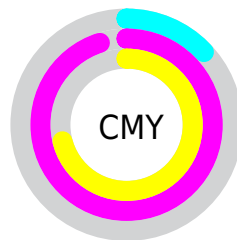


Cyan (0%)

Magenta (94%)

Yellow (67%)

Black (13%)



Cyan (13%)

Magenta (95%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.2170, -5.0370, 122.5897 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 83.2170, -5.0370, 122.5897 by changing the saturation by 10% instead.

■ 83.2170, -5.0370,
122.5897

■ 83.2170, -5.0370,
122.5897

255.0000, 0.0000,
0.0000

■ 62.9230, -5.8780,
112.3235

■ 145.2170,
-11.9390, 96.2797

■ 50.9610, -10.3338,
94.7502

■ 165.7910, -9.2640,
78.2363

■ 39.0700, -15.8105,
77.9916

■ 186.3650, -6.5889,
60.1929

■ 29.2310, -13.4249,
59.4334

■ 207.1670, -3.0403,
41.9495

■ 20.3750, -8.5659,
40.8901

■ 227.3820, 0.7977,
24.2210

■ 9.9810, -4.4276,
20.1877

■ 248.5430, 3.1833,

■ 0.0000, 0.0000,

5.6628

0.0000

■ 83.2170, -5.0370,
122.5897

■ 83.2170, -5.0370,
122.5897

■ 73.8590, -5.3535,
130.7967

■ 97.9550, -4.4148,
109.6645

■ 113.2800, -4.0820,
96.2244

■ 128.0180, -3.4599,
83.2992

■ 142.7560, -2.8377,
70.3740

■ 158.0810, -2.5049,
56.9340

■ 172.8190, -1.8828,
44.0087

■ 187.5570, -1.2606,
31.0835

■ 202.2950, -0.6384,
18.1583

■ 217.6200, -0.3057,
4.7183

Harmonies

Analogous

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



84.1260, 26.5599, 114.7765



83.2170, -5.0370, 122.5897



100.3030, -49.4494, 87.4343

Triad

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



83.2170, -5.0370, 122.5897



79.1140, -37.0312, -69.3830



102.9520, 69.5367, -90.2889

Complementary

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



83.2170, -5.0370, 122.5897



153.7830, 5.0370, -122.5897

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.



105.2880, 53.1020, -92.3376



83.2170, -5.0370, 122.5897



91.6250, -1.7871, -80.3551

Square

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



83.2170, -5.0370, 122.5897



100.9050, -49.7462, -4.3017



99.9640, 27.6257, -87.6684



92.9420, 71.5136, -70.9861

Rectangle

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



83.2170, -5.0370, 122.5897



106.0190, -52.2674, 57.8653



99.9640, 27.6257, -87.6684



104.5020, 65.3215, -91.6483

Sweetspot

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



83.2170, -5.0370, 122.5897



207.5090, -1.7299, 41.6496



82.6760, 69.1797, 71.3211



98.5240, -1.2443, 25.8505



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.



83.2170, -5.0370, 122.5897



84.4530, -6.1393, 149.5697



102.9060, -43.8307, 105.3224



104.6310, -0.3111, 6.4626



58.3240, -4.1037, 103.2019



15.9480, -0.9604, 28.1096

Inverse Universe

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



83.2170, -5.0370, 122.5897



84.4530, -6.1393, 149.5697



134.0940, 43.8307, -105.3224



104.6310, -0.3111, 6.4626



58.3240, -4.1037, 103.2019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 83.2170, -5.0370, 122.5897 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 83.2170, -5.0370, 122.5897

Background



This preview shows how black text looks on a background with the YUV color 83.2170, -5.0370, 122.5897.



This preview shows how white text looks on a background with the YUV color 83.2170, -5.0370,

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

83.2170, -5.0370, 122.5897

Protanopia

114.3980, -3.6472, 3.1590

Deuteranopia

113.0250, -24.6623, 23.6571



Tritanopia

88.3540, -29.7545, 117.2075

Trichromacy



Original Color

83.2170, -5.0370, 122.5897

Protanomaly

103.2600, -4.0722, 46.2530

Deuteranomaly

101.9060, -17.2087, 59.7184

Tritanomaly

86.0690, -20.7400, 119.2115

Monochromacy



Original Color

83.2170, -5.0370, 122.5897

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1180, -2.0302, 44.6235

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.2170, -5.0370, 122.5897 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(223, 14, 73)` looks like.

```
.text, #text, p{  
    color:rgb(223, 14, 73)  
}
```

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(223, 14, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 14, 73) }
```

Border

The CSS property to change the border of an element to YUV 83.2170, -5.0370, 122.5897 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(223, 14, 73) }
```


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

```
.border{ border-color:rgb(223, 14, 73) }
```

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

Here you see how a box with a 4 pixel rgb(223, 14, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 14, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 14, 73);  
box-shadow:4px 4px 4px 4px rgb(223, 14,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 83.2170, -5.0370, 122.5897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 14, 73) }
```

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

```
.background{ background-color: rgb(223, 14,  
73) }
```

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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