

Converting Colors

YUV(100.9520, -13.2873,
108.7901)

Have a look what the booklet for
YUV(100.9520, -13.2873, 108.7901)
contains.

YUV(100.9520, -13.2873, 108.7901)	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(100.9520, -13.2873,
108.7901)**

Conversions

Conversions Part 1

Format	Color
Hex	E12B4A
RGB	225, 43, 74
RGB Percent	88%, 17%, 29%
CMY	0.1176, 0.8314, 0.7098
CMYK	0.00, 0.81, 0.67, 0.12
HSL	350°, 75%, 53%
HSV	350°, 81%, 88%
XYZ	33.1512, 18.2297, 8.2500
YIQ	100.9520, 98.5210, 48.2250

Conversions

Conversions Part 2

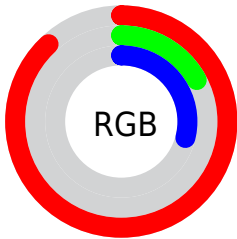
Format	Color
RYB	225, 43, 74
Decimal	14756682
CIELab	49.77, 68.45, 28.77
CIELCh	50, 74.252, 22.798
Yxy	18.2297, 0.5559, 0.3057
Android (android.graphics.Color)	4292946762 (0xFFE12B4A)
YUV	100.9520, -13.2873, 108.7901
Hunter-Lab	42.6963, 63.8767, 18.4311

Details

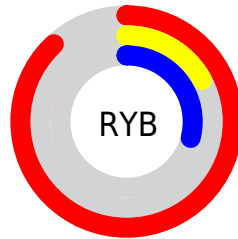
The YUV color **100.9520, -13.2873, 108.7901** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **167.0480, 13.2873, -108.7901**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9620, -15.2643, 89.4873**, and **51.9720, -10.3392, 96.4946** is the 20% darker color. If you saturate the color by 10%, you get **85.8720, -15.2199, 122.0153**, and if you desaturate by 10%, it is **116.6190, -11.6442, 95.0501**.

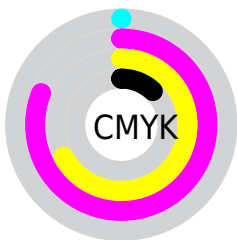
Distribution



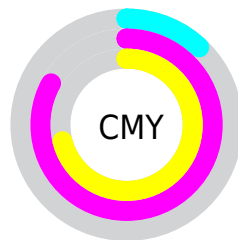
- Red (88%)
- Green (17%)
- Blue (29%)



- Red (88%)
- Yellow (17%)
- Blue (29%)



- Cyan (0%)
- Magenta (81%)
- Yellow (67%)
- Black (12%)





- Cyan (12%)
- Magenta (83%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.9520, -13.2873, 108.7901 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 100.9520, -13.2873, 108.7901 by changing the saturation by 10% instead.


 100.9520,
-13.2873, 108.7901


 100.9520,
-13.2873, 108.7901


255.0000, 0.0000,
0.0000


 63.6350, -5.7361,
113.4531


 152.9620,
-15.2643, 89.4873


 51.9720, -10.3392,
96.4946


 173.5360,
-12.5892, 71.4439

 39.8960, -15.2317,
79.0212


 193.6370, -9.1880,
53.8154

 29.7150, -14.1565,
60.7629

 213.7380, -5.7868,
36.1868

 21.6850, -8.7187,
43.2493

 234.5400, -2.2382,
17.9434

 11.4760, -5.1647,
23.2615

 0.0000, 0.0000,

0.0000

■ 100.9520,
-13.2873, 108.7901

■ 100.9520,
-13.2873, 108.7901

■ 85.8720, -15.2199,
122.0153

■ 116.6190,
-11.6442, 95.0501

■ 71.6070, -16.5683,
134.5257


■ 131.5850,
-10.1484, 81.9250

■ 147.2520, -8.5052,
68.1850

■ 162.3320, -6.5727,
54.9598

■ 177.8850, -5.3663,
41.3199

■ 192.9650, -3.4337,
28.0947

 208.6320, -1.7906,
14.3547

 223.5980, -0.2948,
1.2296

 239.2650, 1.3484,
-12.5104

Harmonies

Analogous

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



101.8290, 16.8463, 103.6360



100.9520, -13.2873, 108.7901



107.9880, -51.7591, 81.5715

Triad

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



100.9520, -13.2873, 108.7901



85.7140, -26.9740, -75.1712



104.8270, 69.1053, -91.9333

Complementary

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



100.9520, -13.2873, 108.7901



167.0480, 13.2873, -108.7901

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.



108.3200, 54.5652, -94.9966



100.9520, -13.2873, 108.7901



96.0420, 2.4443, -84.2288

Square

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



100.9520, -13.2873, 108.7901



105.0250, -51.7773, -6.1609



104.0390, 30.5468, -91.2422



111.8170, 61.2222, -36.6735

Rectangle

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



100.9520, -13.2873, 108.7901



111.6010, -55.0193, 53.8469



104.0390, 30.5468, -91.2422



107.1920, 65.4743, -94.0074

Sweetspot

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



100.9520, -13.2873, 108.7901



213.3790, -4.6238, 36.5016



108.2990, 57.5336, 73.4058



102.7470, -2.8333, 22.1469



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.



100.9520, -13.2873, 108.7901



86.6410, -18.0640, 147.6508



131.4640, -43.6128, 82.0311



104.5170, -0.7479, 6.5626



56.0440, -12.8397, 105.2014



15.2640, -3.5812, 28.7095

Inverse Universe

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



100.9520, -13.2873, 108.7901



86.6410, -18.0640, 147.6508



136.5360, 43.6128, -82.0311



104.5170, -0.7479, 6.5626



56.0440, -12.8397, 105.2014



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 100.9520, -13.2873, 108.7901 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 100.9520, -13.2873, 108.7901 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 100.9520, -13.2873, 108.7901 Background



This preview shows how black text looks on a background with the YUV color 100.9520, -13.2873, 108.7901.

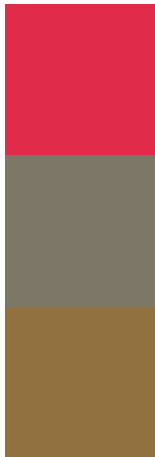


This preview shows how white text looks on a background with the YUV color 100.9520, -13.2873, 108.7901.

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

100.9520, -13.2873, 108.7901

Protanopia

118.9700, -7.8732, 5.2883

Deuteranopia

117.2810, -26.2675, 25.1866



Tritanopia

100.7380, -25.5068, 108.1008

Trichromacy



Original Color

100.9520, -13.2873, 108.7901

Protanomaly

112.0440, -9.8817, 42.9344

Deuteranomaly

111.7330, -21.5604, 55.4852

Tritanomaly

100.5900, -20.9969, 108.2306

Monochromacy



Original Color

100.9520, -13.2873, 108.7901

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9880, -4.9241, 39.4755

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9520, -13.2873, 108.7901 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(225, 43, 74)` looks like.

```
.text, #text, p{  
    color:rgb(225, 43, 74)  
}
```

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(225, 43, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 43, 74) }
```

Border

The CSS property to change the border of an element to YUV 100.9520, -13.2873, 108.7901 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(225, 43, 74) }
```


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

```
.border{ border-color:rgb(225, 43, 74) }
```

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

Here you see how a box with a 4 pixel rgb(225, 43, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 43, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 43, 74);  
box-shadow:4px 4px 4px 4px rgb(225, 43,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 100.9520, -13.2873, 108.7901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 43, 74) }
```

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

```
.background{ background-color: rgb(225, 43,  
74) }
```

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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