

Converting Colors

YUV(104.1900, -10.9397,
102.4424)

Have a look what the booklet for
YUV(104.1900, -10.9397, 102.4424)
contains.

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Color

**YUV(104.1900, -10.9397,
102.4424)**

Conversions

Conversions Part 1

Format	Color
Hex	DD3152
RGB	221, 49, 82
RGB Percent	87%, 19%, 32%
CMY	0.1333, 0.8078, 0.6784
CMYK	0.00, 0.78, 0.63, 0.13
HSL	348°, 72%, 53%
HSV	348°, 78%, 87%
XYZ	32.4401, 18.1780, 9.7816
YIQ	104.1900, 91.9190, 46.7270

Conversions

Conversions Part 2

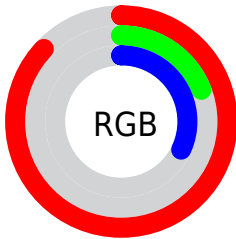
Format	Color
RYB	221, 49, 82
Decimal	14496082
CIELab	49.71, 66.18, 23.72
CIElCh	50, 70.307, 19.719
Yxy	18.1780, 0.5371, 0.3010
Android (android.graphics.Color)	4292686162 (0xFFDD3152)
YUV	104.1900, -10.9397, 102.4424
Hunter-Lab	42.6356, 61.2026, 16.2425

Details

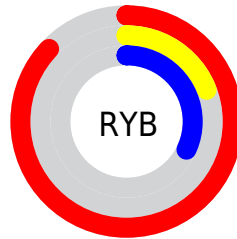
The YUV color **104.1900, -10.9397, 102.4424** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **165.8100, 10.9397, -102.4424**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.3360, -12.4906, 86.5283**, and **51.5740, -6.6920, 93.3356** is the 20% darker color. If you saturate the color by 10%, you get **89.2240, -12.4354, 115.5676**, and if you desaturate by 10%, it is **119.1560, -9.4439, 89.3172**.

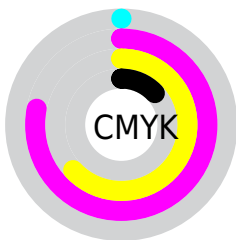
Distribution



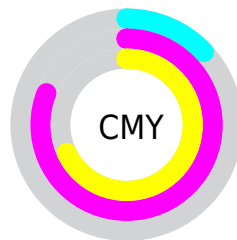
- Red (87%)
- Green (19%)
- Blue (32%)



- Red (87%)
- Yellow (19%)
- Blue (32%)



- Cyan (0%)
- Magenta (78%)
- Yellow (63%)
- Black (13%)





- Cyan (13%)
- Magenta (81%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.1900, -10.9397, 102.4424 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 104.1900, -10.9397, 102.4424 by changing the saturation by 10% instead.


 104.1900,
-10.9397, 102.4424


 104.1900,
-10.9397, 102.4424


255.0000, 0.0000,
0.0000

 63.5360, -2.2362,
110.9089


 156.3360,
-12.4906, 86.5283


 51.5740, -6.6920,
93.3356


 176.3230, -9.5262,
68.9997

 40.3240, -11.0057,
76.8919


 196.4240, -6.1250,
51.3712

 29.0030, -14.2985,
59.6334

 216.6390, -2.2870,
33.6426

 20.9730, -8.8607,
42.1197

 236.8540, 1.5510,
15.9140

 10.8780, -4.8699,
22.0320

 0.0000, 0.0000,

0.0000

■ 104.1900,
-10.9397, 102.4424

■ 104.1900,
-10.9397, 102.4424

■ 89.2240, -12.4354,
115.5676

■ 119.1560, -9.4439,
89.3172

■ 74.2580, -13.9312,
128.6927

■ 134.1220, -7.9481,
76.1920

■ 70.8670, -14.2314,
131.6666


■ 149.0880, -6.4524,
63.0668


■ 163.9400, -5.3934,
50.0416

■ 178.9060, -3.8977,
36.9164

■ 194.4590, -2.6913,
23.2765

 209.4250, -1.1955,
10.1513

 224.3910, 0.3002,
-2.9739

 239.3570, 1.7960,
-16.0991

Harmonies

Analogous

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



107.9370, 16.3001, 92.1403



104.1900, -10.9397, 102.4424



109.6810, -42.7337, 80.0868

Triad

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



104.1900, -10.9397, 102.4424



84.4260, -26.8320, -74.0416



104.5020, 65.3215, -91.6483

Complementary

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



104.1900, -10.9397, 102.4424



165.8100, 10.9397, -102.4424

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.



106.5930, 50.4867, -93.4821



104.1900, -10.9397, 102.4424



94.7710, 0.1129, -83.1142

Square

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



104.1900, -10.9397, 102.4424



106.2430, -52.3778, -0.2131



102.4260, 26.9050, -89.8276



109.2350, 60.5231, -45.8101

Rectangle

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



104.1900, -10.9397, 102.4424



111.0250, -54.7353, 56.1061



102.4260, 26.9050, -89.8276



106.1660, 61.5432, -93.1076

Sweetspot

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



104.1900, -10.9397, 102.4424



215.0090, -3.4554, 35.0721



109.8700, 54.7871, 67.6430



103.5620, -2.2491, 21.4321



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.



104.1900, -10.9397, 102.4424



93.9930, -15.2795, 141.2031



130.9520, -40.4023, 78.9721



102.5170, -0.7479, 6.5626



55.4890, -11.0871, 103.0571



14.7800, -2.8495, 27.3799

Inverse Universe

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



104.1900, -10.9397, 102.4424



93.9930, -15.2795, 141.2031



139.0480, 40.4023, -78.9721



102.5170, -0.7479, 6.5626



55.4890, -11.0871, 103.0571



14.7800, -2.8495, 27.3799

Previews

White Background



This preview shows how the YUV color 104.1900, -10.9397, 102.4424 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 104.1900, -10.9397, 102.4424 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 104.1900, -10.9397, 102.4424 Background



This preview shows how black text looks on a background with the YUV color 104.1900, -10.9397, 102.4424.

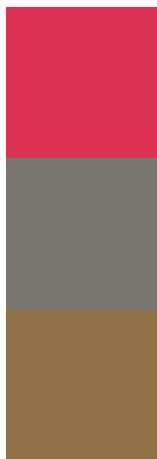


This preview shows how white text looks on a background with the YUV color 104.1900, -10.9397, 102.4424.

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

104.1900, -10.9397, 102.4424

Protanopia

118.8110, -3.3578, 3.6738

Deuteranopia

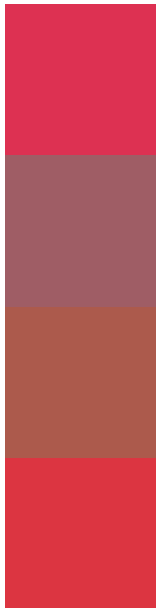
118.2960, -22.3309, 22.5424



Tritanopia

104.4490, -23.8854, 101.3382

Trichromacy



Original Color

104.1900, -10.9397, 102.4424

Protanomaly

113.6460, -6.2345, 39.7755

Deuteranomaly

112.9220, -18.2025, 51.8114

Tritanomaly

104.3010, -19.3754, 101.4680

Monochromacy



Original Color

104.1900, -10.9397, 102.4424

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2050, -4.0451, 37.5312

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.1900, -10.9397, 102.4424 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(221, 49, 82)` looks like.

```
.text, #text, p{  
    color:rgb(221, 49, 82)  
}
```

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(221, 49, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 49, 82) }
```

Border

The CSS property to change the border of an element to YUV 104.1900, -10.9397, 102.4424 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(221, 49, 82) }
```


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

```
.border{ border-color:rgb(221, 49, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 49, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 49, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 49, 82);  
box-shadow:4px 4px 4px 4px rgb(221, 49,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 104.1900, -10.9397, 102.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 49, 82) }
```

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

```
.background{ background-color: rgb(221, 49,  
82) }
```

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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