

Converting Colors

YUV(100.5010, -19.4740,
86.3836)

Have a look what the booklet for
YUV(100.5010, -19.4740, 86.3836)
contains.

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Color

**YUV(100.5010, -19.4740,
86.3836)**

Conversions

Conversions Part 1

Format	Color
Hex	C73A3D
RGB	199, 58, 61
RGB Percent	78%, 23%, 24%
CMY	0.2196, 0.7725, 0.7608
CMYK	0.00, 0.71, 0.69, 0.22
HSL	359°, 56%, 50%
HSV	359°, 71%, 78%
XYZ	25.9085, 15.5051, 6.0421
YIQ	100.5010, 83.0730, 30.8250

Conversions

Conversions Part 2

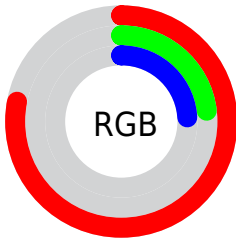
Format	Color
RYB	199, 58, 61
Decimal	13056573
CIELab	46.32, 55.58, 31.16
CIElCh	46, 63.719, 29.277
Yxy	15.5051, 0.5460, 0.3267
Android (android.graphics.Color)	4291246653 (0xFFC73A3D)
YUV	100.5010, -19.4740, 86.3836
Hunter-Lab	39.3766, 48.5384, 18.4658

Details

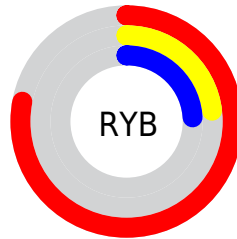
The YUV color **100.5010, -19.4740, 86.3836** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **156.4990, 19.4740, -86.3836**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5890, -22.9684, 87.1834**, and **43.4280, -12.0430, 82.9396** is the 20% darker color. If you saturate the color by 10%, you get **86.5950, -21.9853, 98.5792**, and if you desaturate by 10%, it is **114.4070, -16.9627, 74.1881**.

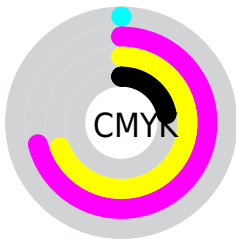
Distribution



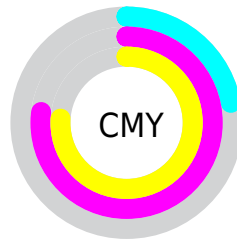
- Red (78%)
- Green (23%)
- Blue (24%)



- Red (78%)
- Yellow (23%)
- Blue (24%)



- Cyan (0%)
- Magenta (71%)
- Yellow (69%)
- Black (22%)




- Cyan (22%)
- Magenta (77%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.5010, -19.4740, 86.3836 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 100.5010, -19.4740, 86.3836 by changing the saturation by 10% instead.


 100.5010,
-19.4740, 86.3836

 100.5010,
-19.4740, 86.3836


255.0000, 0.0000,
0.0000


 69.3530, -14.9640,
86.5134


 155.5890,
-22.9684, 87.1834


 43.4280, -12.0430,
82.9396


 174.8750,
-20.1514, 70.2696


 32.2920, -15.9200,
66.3959

 194.2750,
-16.8976, 53.2558

 23.3220, -11.4977,
47.9526

 214.3760,
-13.4964, 35.6272

 15.1780, -6.4968,
30.5389

 234.5910, -9.6584,
17.8987

 0.0000, 0.0000,
0.0000

 253.7460, -4.8048,

1.0998

■ 100.5010,
-19.4740, 86.3836

■ 100.5010,
-19.4740, 86.3836

■ 86.5950, -21.9853,
98.5792

■ 114.4070,
-16.9627, 74.1881

■ 72.5750, -24.9335,
110.8747

■ 128.4270,
-14.0145, 61.8925

■ 59.9570, -27.5868,
121.9407

■ 142.3330,
-11.5032, 49.6970

■ 156.3530, -8.5550,
37.4014

■ 170.2590, -6.0437,
25.2059

■ 183.6920, -2.8062,
13.4251

■ 197.5980, -0.2948,
1.2296

■ 211.6180, 2.6533,
-11.0660

■ 225.5240, 5.1647,
-23.2615

Harmonies

Analogous

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



99.6840, 6.5648, 87.9771



100.5010, -19.4740, 86.3836



102.2630, -48.9367, 62.9133

Triad

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



100.5010, -19.4740, 86.3836



81.5370, -15.0547, -71.5079



93.5310, 61.3632, -82.0267

Complementary

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



100.5010, -19.4740, 86.3836



156.4990, 19.4740, -86.3836

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.



98.7510, 50.9018, -86.6046



100.5010, -19.4740, 86.3836



90.2690, 8.2484, -79.1659

Square

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



100.5010, -19.4740, 86.3836



95.8330, -47.2457, -13.0085



96.4250, 31.8355, -84.5647



109.8070, 46.4371, -7.7237

Rectangle

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



100.5010, -19.4740, 86.3836



103.8380, -51.1921, 39.6071



96.4250, 31.8355, -84.5647



96.1240, 58.6059, -84.3007

Sweetspot

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



100.5010, -19.4740, 86.3836



217.3740, -7.0864, 32.9980



114.7380, 41.5412, 69.5128



105.5680, -4.7170, 19.6729



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.



100.5010, -19.4740, 86.3836



103.4530, -29.8033, 132.9067



138.9010, -39.8842, 52.7068



92.6910, -1.3267, 5.5330



49.0790, -22.7169, 99.9087



10.8780, -4.8699, 22.0320

Inverse Universe

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



100.5010, -19.4740, 86.3836



103.4530, -29.8033, 132.9067



118.0990, 39.8842, -52.7068



92.6910, -1.3267, 5.5330



49.0790, -22.7169, 99.9087



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 100.5010, -19.4740, 86.3836 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 100.5010, -19.4740, 86.3836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

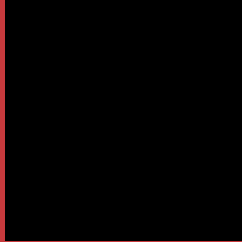
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.5010, -19.4740, 86.3836

Background



This preview shows how black text looks on a background with the YUV color 100.5010, -19.4740, 86.3836.



This preview shows how white text looks on a background with the YUV color 100.5010, -19.4740,

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

100.5010, -19.4740, 86.3836

Protanopia

109.2710, -14.4306, 8.5323

Deuteranopia

108.3410, -27.2831, 24.2569



Tritanopia

100.5010, -19.4740, 86.3836

Trichromacy



Original Color

100.5010, -19.4740, 86.3836

Protanomaly

105.9910, -16.2646, 36.8419

Deuteranomaly

105.5810, -24.4434, 46.8485

Tritanomaly

100.5010, -19.4740, 86.3836

Monochromacy



Original Color

100.5010, -19.4740, 86.3836

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.6620, -7.2284, 31.8684

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5010, -19.4740, 86.3836 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(199, 58, 61)` looks like.

```
.text, #text, p{  
    color:rgb(199, 58, 61)  
}
```

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(199, 58, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 58, 61) }
```

Border

The CSS property to change the border of an element to YUV 100.5010, -19.4740, 86.3836 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(199, 58, 61) }
```


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

```
.border{ border-color:rgb(199, 58, 61) }
```

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

Here you see how a box with a 4 pixel rgb(199, 58, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 58, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 58, 61);  
box-shadow:4px 4px 4px 4px rgb(199, 58,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 100.5010, -19.4740, 86.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 58, 61) }
```

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

```
.background{ background-color: rgb(199, 58,  
61) }
```

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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