

Converting Colors

YUV(100.6410, -15.1060,
85.3838)

Have a look what the booklet for
YUV(100.6410, -15.1060, 85.3838)
contains.

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Color

**YUV(100.6410, -15.1060,
85.3838)**

Conversions

Conversions Part 1

Format	Color
Hex	C63946
RGB	198, 57, 70
RGB Percent	78%, 22%, 27%
CMY	0.2235, 0.7765, 0.7255
CMYK	0.00, 0.71, 0.65, 0.22
HSL	354°, 55%, 50%
HSV	354°, 71%, 78%
XYZ	25.8573, 15.3742, 7.3990
YIQ	100.6410, 79.8630, 33.9350

Conversions

Conversions Part 2

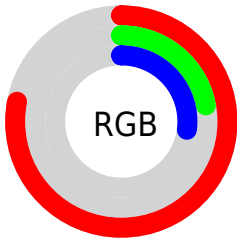
Format	Color
R_{YB}	198, 57, 70
Decimal	12990790
CIE _{Lab}	46.14, 56.12, 25.53
CIE _{LCh}	46, 61.657, 24.458
Yxy	15.3742, 0.5317, 0.3161
Android (android.graphics.Color)	4291180870 (0xFFC63946)
YUV	100.6410, -15.1060, 85.3838
Hunter-Lab	39.2100, 49.0958, 16.2588

Details

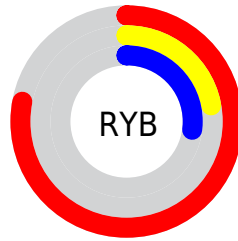
The YUV color **100.6410, -15.1060, 85.3838** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **154.3590, 15.1060, -85.3838**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0280, -18.7478, 86.7984**, and **44.0410, -8.4012, 81.5250** is the 20% darker color. If you saturate the color by 10%, you get **86.8490, -17.1806, 97.4794**, and if you desaturate by 10%, it is **114.4330, -13.0315, 73.2883**.

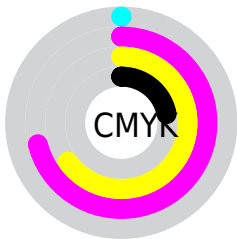
Distribution



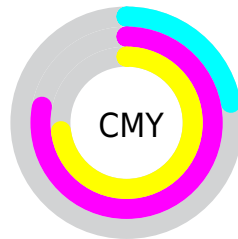
- Red (78%)
- Green (22%)
- Blue (27%)



- Red (78%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (71%)
- Yellow (65%)
- Black (22%)



- Cyan (22%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6410, -15.1060, 85.3838 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 100.6410, -15.1060, 85.3838 by changing the saturation by 10% instead.

■ 100.6410,
-15.1060, 85.3838

■ 100.6410,
-15.1060, 85.3838

255.0000, 0.0000,
0.0000

■ 68.9060, -10.3067,
86.0284

■ 156.0280,
-18.7478, 86.7984

■ 44.0410, -8.4012,
81.5250

■ 175.4280,
-15.4940, 69.7846

■ 32.2210, -14.8990,
65.5812

■ 194.8280,
-12.2402, 52.7708

■ 23.3220, -11.4977,
47.9526

■ 215.0430, -8.4022,
35.0423

■ 15.1780, -6.4968,
30.5389

■ 235.2580, -4.5642,
17.3137

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,

0.1000

■ 100.6410,
-15.1060, 85.3838

■ 100.6410,
-15.1060, 85.3838

■ 86.8490, -17.1806,
97.4794

■ 114.4330,
-13.0315, 73.2883

■ 73.0570, -19.2551,
109.5750

■ 128.2250,
-10.9569, 61.1927

■ 61.2540, -21.3242,
119.9262

■ 141.4300, -8.5930,
49.6119

■ 155.2220, -6.5184,
37.5163

■ 169.0140, -4.4439,
25.4207

■ 182.8060, -2.3694,
13.3251

■ 196.5980, -0.2948,
1.2296

■ 209.8030, 2.0691,
-10.3512

■ 223.5950, 4.1437,
-22.4468

Harmonies

Analogous

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



102.0360, 9.3493, 81.5294



100.6410, -15.1060, 85.3838



102.7500, -40.7957, 65.1172

Triad

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



100.6410, -15.1060, 85.3838



80.1520, -17.8229, -70.2933



94.1350, 58.6004, -82.5564

Complementary

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



100.6410, -15.1060, 85.3838



154.3590, 15.1060, -85.3838

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.



97.7250, 46.9706, -85.7048



100.6410, -15.1060, 85.3838



88.6560, 4.6066, -77.7513

Square

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



100.6410, -15.1060, 85.3838



97.0620, -47.8516, -5.3164



94.6980, 27.7569, -83.0501



107.3710, 47.6381, -19.6194

Rectangle

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



100.6410, -15.1060, 85.3838



102.9850, -50.7716, 44.7402



94.6980, 27.7569, -83.0501



96.0270, 55.6957, -84.2157

Sweetspot

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



100.6410, -15.1060, 85.3838



217.7160, -5.7760, 32.6981



111.0470, 42.8678, 63.9798



105.9100, -3.4066, 19.3729



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.



100.6410, -15.1060, 85.3838



105.1630, -23.2514, 131.4070



132.0310, -36.9903, 57.8548



92.6910, -1.3267, 5.5330



50.4470, -17.4754, 98.7090



11.1060, -3.9963, 21.8320

Inverse Universe

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



100.6410, -15.1060, 85.3838



105.1630, -23.2514, 131.4070



122.9690, 36.9903, -57.8548



92.6910, -1.3267, 5.5330



50.4470, -17.4754, 98.7090



11.1060, -3.9963, 21.8320

Previews

White Background



This preview shows how the YUV color 100.6410, -15.1060, 85.3838 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 100.6410, -15.1060, 85.3838 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 100.6410, -15.1060, 85.3838

Background



This preview shows how black text looks on a background with the YUV color 100.6410, -15.1060, 85.3838.

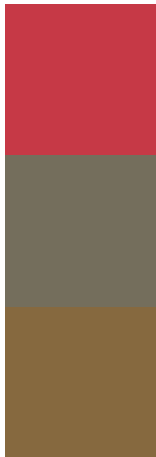


This preview shows how white text looks on a background with the YUV color 100.6410, -15.1060,

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

100.6410, -15.1060, 85.3838

Protanopia

109.7420, -8.7468, 5.4883

Deuteranopia

108.8830, -22.6203, 22.0276



Tritanopia

100.7890, -19.6160, 85.2540

Trichromacy



Original Color

100.6410, -15.1060, 85.3838

Protanomaly

106.6470, -11.1650, 34.5126

Deuteranomaly

106.1230, -19.7806, 44.6191

Tritanomaly

100.5440, -18.0162, 85.4689

Monochromacy



Original Color

100.6410, -15.1060, 85.3838

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8190, -5.3338, 30.8537

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6410, -15.1060, 85.3838 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(198, 57, 70)` looks like.

```
.text, #text, p{  
    color:rgb(198, 57, 70)  
}
```

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(198, 57, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 57, 70) }
```

Border

The CSS property to change the border of an element to YUV 100.6410, -15.1060, 85.3838 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(198, 57, 70) }
```


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

```
.border{ border-color:rgb(198, 57, 70) }
```

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

Here you see how a box with a 4 pixel rgb(198, 57, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 57, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 57, 70);  
box-shadow:4px 4px 4px 4px rgb(198, 57,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 100.6410, -15.1060, 85.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 57, 70) }
```

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

```
.background{ background-color: rgb(198, 57,  
70) }
```

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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