

Converting Colors

YUV(102.8440, -23.0941,
80.8208)

Have a look what the booklet for
YUV(102.8440, -23.0941, 80.8208)
contains.

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Color

**YUV(102.8440, -23.0941,
80.8208)**

Conversions

Conversions Part 1

Format	Color
Hex	C34138
RGB	195, 65, 56
RGB Percent	76%, 25%, 22%
CMY	0.2353, 0.7451, 0.7804
CMYK	0.00, 0.67, 0.71, 0.24
HSL	4°, 55%, 49%
HSV	4°, 71%, 76%
XYZ	25.1098, 15.6682, 5.4422
YIQ	102.8440, 80.3690, 24.7610

Conversions

Conversions Part 2

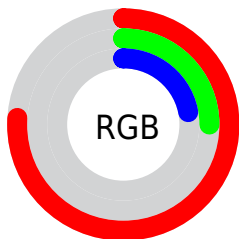
Format	Color
RYB	195, 66, 56
Decimal	12796216
CIELab	46.54, 51.28, 34.15
CIELCh	47, 61.606, 33.664
Yxy	15.6682, 0.5433, 0.3390
Android (android.graphics.Color)	4290986296 (0xFFC34138)
YUV	102.8440, -23.0941, 80.8208
Hunter-Lab	39.5831, 43.9621, 19.5565

Details

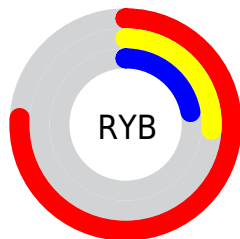
The YUV color **102.8440, -23.0941, 80.8208** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **148.1560, 23.0941, -80.8208**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9540, -26.5993, 85.1093**, and **41.5480, -14.0742, 81.0804** is the 20% darker color. If you saturate the color by 10%, you get **90.1120, -26.1842, 91.9868**, and if you desaturate by 10%, it is **115.5760, -20.0040, 69.6548**.

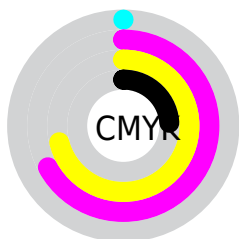
Distribution



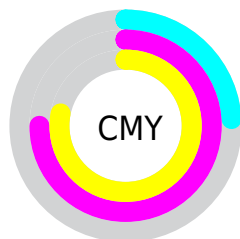
- Red (76%)
- Green (25%)
- Blue (22%)



- Red (76%)
- Yellow (26%)
- Blue (22%)



- Cyan (0%)
- Magenta (67%)
- Yellow (71%)
- Black (24%)



- Cyan (24%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.8440, -23.0941, 80.8208 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 102.8440, -23.0941, 80.8208 by changing the saturation by 10% instead.

■ 102.8440,
-23.0941, 80.8208

■ 102.8440,
-23.0941, 80.8208

■ 255.0000, 0.0000,
0.0000

■ 74.0440, -19.7417,
78.8914

■ 157.9540,
-26.5993, 85.1093

■ 41.5480, -14.0742,
81.0804

■ 177.2400,
-23.7823, 68.1955

■ 31.0960, -15.3303,
63.9368

■ 196.6400,
-20.5285, 51.1817

■ 22.4250, -11.0555,
46.1083

■ 216.1540,
-16.8379, 34.0679

■ 14.2810, -6.0545,
28.6946

■ 236.3690,
-12.9999, 16.3394

■ 0.0000, 0.0000,
0.0000

■ 253.0620, -7.4256,

1.6996

■ 102.8440,
-23.0941, 80.8208

■ 102.8440,
-23.0941, 80.8208

■ 90.1120, -26.1842,
91.9868

■ 115.5760,
-20.0040, 69.6548

■ 77.2660, -29.7111,
103.2527

■ 128.4220,
-16.4770, 58.3889

■ 65.9360, -32.5064,
113.1891

■ 141.7410,
-13.6763, 46.7081

■ 154.5870,
-10.1494, 35.4422

■ 167.4330, -6.6225,
24.1763

■ 180.1650, -3.5323,
13.0103

■ 193.4840, -0.7316,
1.3295

■ 206.3300, 2.7953,
-9.9364

■ 219.1760, 6.3222,
-21.2024

Harmonies

Analogous

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



101.8210, 2.0602, 86.1030



102.8440, -23.0941, 80.8208



103.0620, -50.8096, 56.9506

Triad

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



102.8440, -23.0941, 80.8208



83.2640, -10.9762, -73.0225



91.9010, 60.1948, -80.5972

Complementary

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



102.8440, -23.0941, 80.8208



148.1560, 23.0941, -80.8208

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.



97.6910, 51.9173, -85.6750



102.8440, -23.0941, 80.8208



91.1810, 11.7428, -79.9657

Square

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



102.8440, -23.0941, 80.8208



94.3270, -46.5032, -17.8268



97.1090, 34.4563, -85.1646



111.7330, 42.0366, 3.7422

Rectangle

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



102.8440, -23.0941, 80.8208



103.5060, -51.0285, 33.7592



97.1090, 34.4563, -85.1646



94.8360, 58.7479, -83.1712

Sweetspot

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



102.8440, -23.0941, 80.8208



217.1950, -8.9701, 30.5240



112.6090, 37.1678, 72.2569



106.7420, -5.2958, 18.6433



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.



102.8440, -23.0941, 80.8208



108.1010, -36.0388, 126.1994



142.1730, -42.4833, 46.3293



90.5770, -1.7635, 5.6330



54.0090, -26.6264, 93.8311



11.0410, -5.4432, 19.2580

Inverse Universe

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



148.1560, 23.0941, -80.8208



178.8990, 36.0388, -126.1994



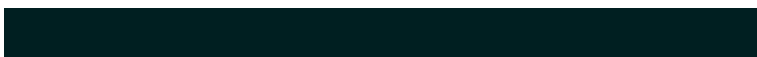
108.8270, 42.4833, -46.3293



93.4230, 1.7635, -5.6330



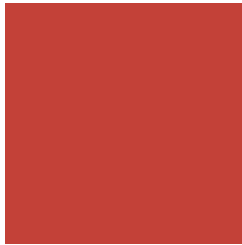
106.4040, 26.9158, -93.3163



21.9590, 5.4432, -19.2580

Previews

White Background



This preview shows how the YUV color 102.8440, -23.0941, 80.8208 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 102.8440, -23.0941, 80.8208 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 102.8440, -23.0941, 80.8208

Background



This preview shows how black text looks on a background with the YUV color 102.8440, -23.0941, 80.8208.



This preview shows how white text looks on a background with the YUV color 102.8440, -23.0941,

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

102.8440, -23.0941, 80.8208

Protanopia

109.5440, -18.5092, 10.0469

Deuteranopia

108.9560, -30.0513, 25.4716



Tritanopia

102.9240, -17.7105, 80.7507

Trichromacy



Original Color

102.8440, -23.0941, 80.8208

Protanomaly

106.9540, -20.1903, 35.9973

Deuteranomaly

106.7720, -27.4956, 45.8040

Tritanomaly

103.0550, -19.7471, 80.6358

Monochromacy



Original Color

102.8440, -23.0941, 80.8208

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.7110, -8.2385, 29.1945

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.8440, -23.0941, 80.8208 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(195, 65, 56)` looks like.

```
.text, #text, p{  
    color:rgb(195, 65, 56)  
}
```

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(195, 65, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 65, 56) }
```

Border

The CSS property to change the border of an element to YUV 102.8440, -23.0941, 80.8208 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(195, 65, 56) }
```


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

```
.border{ border-color:rgb(195, 65, 56) }
```

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

Here you see how a box with a 4 pixel rgb(195, 65, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 65, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 65, 56);  
box-shadow:4px 4px 4px 4px rgb(195, 65,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 102.8440, -23.0941, 80.8208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 65, 56) }
```

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

```
.background{ background-color: rgb(195, 65,  
56) }
```

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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