

Converting Colors

YUV(83.7780, -19.6106,
83.5097)

Have a look what the booklet for
YUV(83.7780, -19.6106, 83.5097)
contains.

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Color

**YUV(83.7780, -19.6106,
83.5097)**

Conversions

Conversions Part 1

Format	Color
Hex	B32B2C
RGB	179, 43, 44
RGB Percent	70%, 17%, 17%
CMY	0.2980, 0.8314, 0.8275
CMYK	0.00, 0.76, 0.75, 0.30
HSL	360°, 61%, 44%
HSV	360°, 76%, 70%
XYZ	19.9089, 11.4933, 3.5520
YIQ	83.7780, 80.7350, 29.1430

Conversions

Conversions Part 2

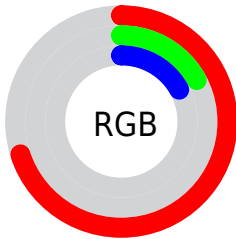
Format	Color
RYB	179, 43, 44
Decimal	11741996
CIELab	40.40, 53.84, 33.34
CIELCh	40, 63.327, 31.762
Yxy	11.4933, 0.5696, 0.3288
Android (android.graphics.Color)	4289932076 (0xFFB32B2C)
YUV	83.7780, -19.6106, 83.5097
Hunter-Lab	33.9018, 45.4964, 17.5193

Details

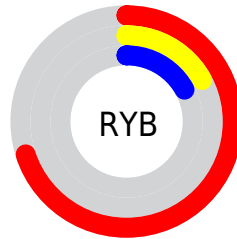
The YUV color **83.7780, -19.6106, 83.5097** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **138.2220, 19.6106, -83.5097**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0190, -25.1524, 87.6833**, and **35.2820, -17.3940, 72.5437** is the 20% darker color. If you saturate the color by 10%, you get **71.1600, -22.2639, 94.5757**, and if you desaturate by 10%, it is **96.3960, -16.9572, 72.4437**.

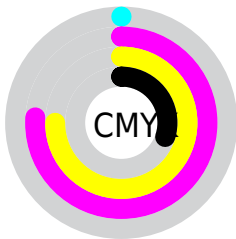
Distribution



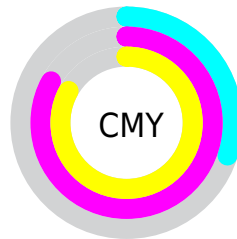
- Red (70%)
- Green (17%)
- Blue (17%)



- Red (70%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (76%)
- Yellow (75%)
- Black (30%)





- Cyan (30%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.7780, -19.6106, 83.5097 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 83.7780, -19.6106, 83.5097 by changing the saturation by 10% instead.


 83.7780, -19.6106,
83.5097

 83.7780, -19.6106,
83.5097


255.0000, 0.0000,
0.0000


 46.8740, -11.7699,
88.6875


 141.0190,
-25.1524, 87.6833


 35.2820, -17.3940,
72.5437


 163.9040,
-24.1097, 79.8912


 26.3120, -12.9718,
54.1004

 183.1900,
-21.2927, 62.9774

 18.4670, -8.1182,
37.3014

 202.7040,
-17.6021, 45.8636

 7.5890, -3.2484,
15.2694

 222.8050,
-14.2009, 28.2350

 0.0000, 0.0000,
0.0000

 243.0200,

-10.3629, 10.5065

254.5440, -1.7472,
0.3999

■ 83.7780, -19.6106,
83.5097

■ 83.7780, -19.6106,
83.5097

■ 71.1600, -22.2639,
94.5757

■ 96.3960, -16.9572,
72.4437

■ 58.5420, -24.9172,
105.6417

■ 109.0140,
-14.3039, 61.3777

■ 53.6350, -25.9491,
109.9451

■ 121.5180,
-12.0874, 50.4117

■ 134.1360, -9.4340,
39.3457

■ 146.7540, -6.7807,
28.2797

■ 158.7850, -3.8380,
17.7286

■ 171.2890, -1.6215,
6.7625

■ 183.9070, 1.0318,
-4.3034

■ 196.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



79.0480, 7.8643, 91.1659



83.7780, -19.6106, 83.5097



88.5980, -43.6788, 56.4806

Triad

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



83.7780, -19.6106, 83.5097



71.7060, -14.6451, -62.8862



82.0870, 58.1311, -71.9903

Complementary

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



83.7780, -19.6106, 83.5097



138.2220, 19.6106, -83.5097

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.



87.6490, 48.9800, -76.8682



83.7780, -19.6106, 83.5097



79.7370, 8.5107, -69.9293

Square

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



83.7780, -19.6106, 83.5097



80.7490, -39.8093, -18.1969



85.6650, 31.2242, -75.1282



95.7430, 43.5107, -2.4056

Rectangle

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



83.7780, -19.6106, 83.5097



89.9280, -44.3345, 33.3891



85.6650, 31.2242, -75.1282



84.9080, 56.2474, -74.4643

Sweetspot

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



83.7780, -19.6106, 83.5097



194.8470, -7.8126, 32.5832



98.5700, 39.6520, 68.7831



93.9810, -4.4276, 20.1877



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.7780, -19.6106, 83.5097



84.2030, -30.6661, 129.6180



122.4060, -39.1472, 49.6329



82.6910, -1.3267, 5.5330



45.8610, -22.1165, 93.9609



7.7740, -3.8326, 15.9842

Inverse Universe

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



83.7780, -19.6106, 83.5097



84.2030, -30.6661, 129.6180



99.5940, 39.1472, -49.6329



82.6910, -1.3267, 5.5330



45.8610, -22.1165, 93.9609



7.7740, -3.8326, 15.9842

Previews

White Background



This preview shows how the YUV color 83.7780, -19.6106, 83.5097 looks on a white background.

Color Contrast Check

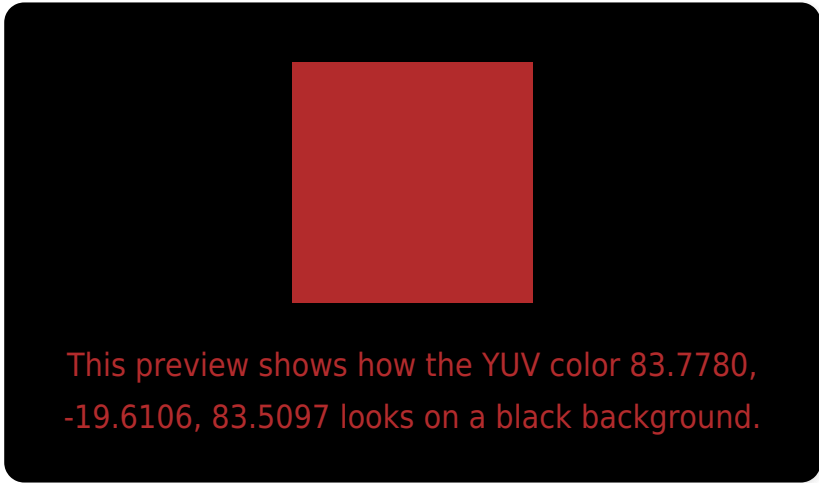
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 83.7780, -19.6106, 83.5097

Background



This preview shows how black text looks on a background with the YUV color 83.7780, -19.6106, 83.5097.

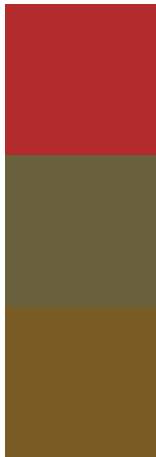


This preview shows how white text looks on a background with the YUV color 83.7780, -19.6106,

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

83.7780, -19.6106, 83.5097

Protanopia

94.7010, -16.6146, 9.0322

Deuteranopia

93.8740, -29.0249, 22.9125



Tritanopia

83.7780, -19.6106, 83.5097

Trichromacy



Original Color

83.7780, -19.6106, 83.5097

Protanomaly

90.9370, -17.7169, 36.0123

Deuteranomaly

89.9290, -25.6010, 44.7893

Tritanomaly

83.7780, -19.6106, 83.5097

Monochromacy



Original Color

83.7780, -19.6106, 83.5097

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9500, -7.3704, 30.7388

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.7780, -19.6106, 83.5097 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(179, 43, 44)` looks like.

```
.text, #text, p{  
    color:rgb(179, 43, 44)  
}
```

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(179, 43, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 43, 44) }
```

Border

The CSS property to change the border of an element to YUV 83.7780, -19.6106, 83.5097 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(179, 43, 44) }
```


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

```
.border{ border-color:rgb(179, 43, 44) }
```

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

Here you see how a box with a 4 pixel rgb(179, 43, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 43, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 43, 44);  
box-shadow:4px 4px 4px 4px rgb(179, 43,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 83.7780, -19.6106, 83.5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 43, 44) }
```

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

```
.background{ background-color: rgb(179, 43,  
44) }
```

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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