

Converting Colors

YUV(78.4680, -16.0067,
94.3056)

Have a look what the booklet for
YUV(78.4680, -16.0067, 94.3056)
contains.

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Color

**YUV(78.4680, -16.0067,
94.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	BA1E2E
RGB	186, 30, 46
RGB Percent	73%, 12%, 18%
CMY	0.2706, 0.8824, 0.8196
CMYK	0.00, 0.84, 0.75, 0.27
HSL	354°, 72%, 42%
HSV	354°, 84%, 73%
XYZ	21.2071, 11.5649, 3.6993
YIQ	78.4680, 87.8400, 38.0480

Conversions

Conversions Part 2

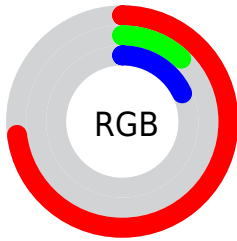
Format	Color
RYB	186, 30, 46
Decimal	12197422
CIELab	40.52, 59.66, 32.67
CIELCh	41, 68.015, 28.703
Yxy	11.5649, 0.5815, 0.3171
Android (android.graphics.Color)	4290387502 (0xFFBA1E2E)
YUV	78.4680, -16.0067, 94.3056
Hunter-Lab	34.0072, 51.8011, 17.3555

Details

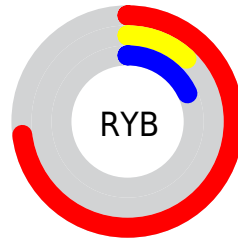
The YUV color **78.4680, -16.0067, 94.3056** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **137.5320, 16.0067, -94.3056**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5300, -23.4323, 96.0052**, and **37.0760, -18.2785, 76.2323** is the 20% darker color. If you saturate the color by 10%, you get **65.3770, -17.9339, 105.7864**, and if you desaturate by 10%, it is **91.5590, -14.0796, 82.8248**.

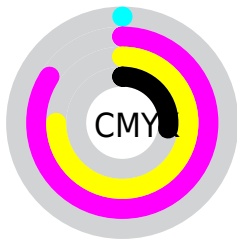
Distribution



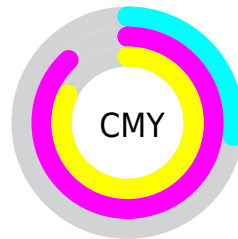
- Red (73%)
- Green (12%)
- Blue (18%)



- Red (73%)
- Yellow (12%)
- Blue (18%)



- Cyan (0%)
- Magenta (84%)
- Yellow (75%)
- Black (27%)





- Cyan (27%)
- Magenta (88%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.4680, -16.0067, 94.3056 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 78.4680, -16.0067, 94.3056 by changing the saturation by 10% instead.


 78.4680, -16.0067,
94.3056


 78.4680, -16.0067,
94.3056


255.0000, 0.0000,
0.0000

 49.1950, -11.9281,
92.7910


 139.5300,
-23.4323, 96.0052

 37.0760, -18.2785,
76.2323


 160.6100,
-21.4997, 82.7800

 28.1060, -13.8563,
57.7890

 179.8960,
-18.6827, 65.8662

 20.0760, -8.4185,
40.2753

 199.9970,
-15.2815, 48.2376

 9.9810, -4.4276,
20.1877

 220.0980,
-11.8803, 30.6091

 0.0000, 0.0000,
0.0000

 240.3130, -8.0423,

12.8805

254.7720, -0.8736,
0.2000

■ 78.4680, -16.0067,
94.3056

■ 78.4680, -16.0067,
94.3056

■ 65.3770, -17.9339,
105.7864

■ 91.5590, -14.0796,
82.8248

■ 57.7800, -19.1185,
112.4489

■ 103.9490,
-12.2999, 71.9587

■ 117.0400,
-10.3727, 60.4779

■ 129.5440, -8.1562,
49.5119

■ 142.5210, -6.6659,
38.1311

■ 155.6120, -4.7387,
26.6503

■ 168.1160, -2.5222,
15.6843

■ 181.2070, -0.5951,
4.2035

■ 193.5970, 1.1847,
-6.6626

Harmonies

Analogous

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



67.6120, 15.9673, 105.5803



78.4680, -16.0067, 94.3056



87.7560, -43.2637, 63.3580

Triad

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



78.4680, -16.0067, 94.3056



71.0390, -19.7392, -62.3012



84.7600, 60.7573, -74.3345

Complementary

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



78.4680, -16.0067, 94.3056



137.5320, 16.0067, -94.3056

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.



89.2790, 50.1485, -78.2977



78.4680, -16.0067, 94.3056



79.6400, 5.6005, -69.8443

Square

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



78.4680, -16.0067, 94.3056



81.6460, -40.2515, -16.3525



86.7250, 30.2086, -76.0578



93.9850, 49.8004, -13.1418

Rectangle

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



78.4680, -16.0067, 94.3056



90.5480, -44.6402, 38.1074



86.7250, 30.2086, -76.0578



87.4670, 58.4368, -76.7086

Sweetspot

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



78.4680, -16.0067, 94.3056



200.6240, -6.2236, 36.2868



89.0460, 47.7983, 69.2427



97.1060, -3.9963, 21.8320



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



78.4680, -16.0067, 94.3056



75.2080, -24.7525, 146.2766



111.8640, -40.3590, 65.0173



85.8050, -0.8899, 5.4330



48.4680, -16.0067, 94.3056



8.7140, -2.8170, 16.9138

Inverse Universe

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



78.4680, -16.0067, 94.3056



75.2080, -24.7525, 146.2766



104.1360, 40.3590, -65.0173



85.8050, -0.8899, 5.4330



48.4680, -16.0067, 94.3056



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 78.4680, -16.0067, 94.3056 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 78.4680, -16.0067, 94.3056 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 78.4680, -16.0067, 94.3056

Background



This preview shows how black text looks on a background with the YUV color 78.4680, -16.0067, 94.3056.



This preview shows how white text looks on a background with the YUV color 78.4680, -16.0067,

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

78.4680, -16.0067, 94.3056

Protanopia

95.9720, -14.2832, 7.9176

Deuteranopia

94.2870, -28.7355, 23.4273



Tritanopia

78.6330, -22.9901, 94.1609

Trichromacy



Original Color

78.4680, -16.0067, 94.3056

Protanomaly

89.6430, -15.1070, 38.9011

Deuteranomaly

88.4180, -23.8701, 49.6224

Tritanomaly

78.6160, -20.5167, 94.1758

Monochromacy



Original Color

78.4680, -16.0067, 94.3056

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.3140, -6.0708, 33.9276

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.4680, -16.0067, 94.3056 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(186, 30, 46)` looks like.

```
.text, #text, p{  
    color:rgb(186, 30, 46)  
}
```

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(186, 30, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 30, 46) }
```

Border

The CSS property to change the border of an element to YUV 78.4680, -16.0067, 94.3056 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(186, 30, 46) }
```


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

```
.border{ border-color:rgb(186, 30, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 30, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 30, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 30, 46);  
box-shadow:4px 4px 4px 4px rgb(186, 30,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 78.4680, -16.0067, 94.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 30, 46) }
```

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

```
.background{ background-color: rgb(186, 30,  
46) }
```

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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