

Converting Colors

YUV(84.9800, -19.2171,
97.3645)

Have a look what the booklet for
YUV(84.9800, -19.2171, 97.3645)
contains.

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Color

**YUV(84.9800, -19.2171,
97.3645)**

Conversions

Conversions Part 1

Format	Color
Hex	C4242E
RGB	196, 36, 46
RGB Percent	77%, 14%, 18%
CMY	0.2314, 0.8588, 0.8196
CMYK	0.00, 0.82, 0.77, 0.23
HSL	356°, 69%, 45%
HSV	356°, 82%, 77%
XYZ	23.8890, 13.1948, 3.8725
YIQ	84.9800, 92.1500, 37.0300

Conversions

Conversions Part 2

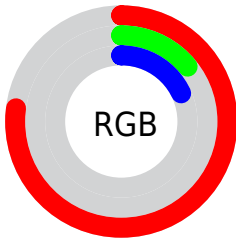
Format	Color
R_{YB}	196, 36, 46
Decimal	12854318
CIE Lab	43.06, 60.99, 36.05
CIE LCh	43, 70.849, 30.584
Yxy	13.1948, 0.5833, 0.3222
Android (android.graphics.Color)	4291044398 (0xFFC4242E)
YUV	84.9800, -19.2171, 97.3645
Hunter-Lab	36.3246, 53.8229, 19.1064

Details

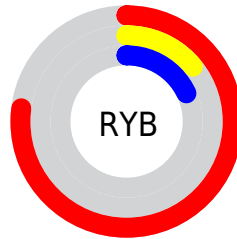
The YUV color **84.9800, -19.2171, 97.3645** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **147.0200, 19.2171, -97.3645**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.2590, -25.7637, 97.1199**, and **40.0660, -19.7525, 82.3801** is the 20% darker color. If you saturate the color by 10%, you get **71.1880, -21.2917, 109.4601**, and if you desaturate by 10%, it is **98.7720, -17.1426, 85.2690**.

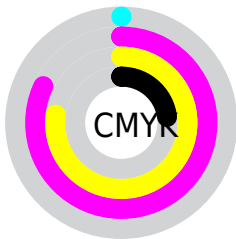
Distribution



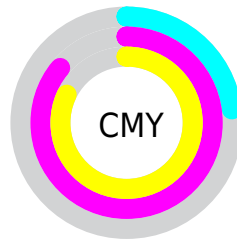
- Red (77%)
- Green (14%)
- Blue (18%)



- Red (77%)
- Yellow (14%)
- Blue (18%)



- Cyan (0%)
- Magenta (82%)
- Yellow (77%)
- Black (23%)





- Cyan (23%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.9800, -19.2171, 97.3645 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 84.9800, -19.2171, 97.3645 by changing the saturation by 10% instead.


 84.9800, -19.2171,
97.3645

 84.9800, -19.2171,
97.3645


255.0000, 0.0000,
0.0000


 52.1850, -13.4022,
98.9388


 144.2590,
-25.7637, 97.1199


 40.0660, -19.7525,
82.3801


 163.5450,
-22.9467, 80.2060


 30.7970, -15.1829,
63.3220

 183.5320,
-19.9823, 62.6774

 22.0550, -9.8871,
44.6788

 202.9320,
-16.7285, 45.6636

 12.9710, -5.9017,
26.3354

 223.1470,
-12.8905, 27.9351

 0.0000, 0.0000,
0.0000

 243.9490, -9.3419,

9.6917

254.7720, -0.8736,
0.2000

■ 84.9800, -19.2171,
97.3645

■ 84.9800, -19.2171,
97.3645

■ 71.1880, -21.2917,
109.4601

■ 98.7720, -17.1426,
85.2690

■ 59.9720, -23.6502,
119.2966

■ 112.0910,
-14.3419, 73.5882

■ 125.8830,
-12.2673, 61.4926

■ 139.2020, -9.4666,
49.8118

■ 152.9940, -7.3920,
37.7163

■ 166.7860, -5.3175,
25.6207

■ 180.1050, -2.5168,
13.9399

■ 193.8970, -0.4422,
1.8443

■ 207.1020, 1.9217,
-9.7365

Harmonies

Analogous

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



71.5420, 15.5088, 112.6577



84.9800, -19.2171, 97.3645



93.6700, -46.1793, 65.1874

Triad

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



84.9800, -19.2171, 97.3645



76.5330, -18.9968, -67.1194



89.1770, 64.9887, -78.2082

Complementary

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



84.9800, -19.2171, 97.3645



147.0200, 19.2171, -97.3645

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.



94.8700, 53.8011, -83.2010



84.9800, -19.2171, 97.3645



85.4760, 7.6533, -74.9625

Square

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



84.9800, -19.2171, 97.3645



86.3420, -42.5666, -20.4709



92.2020, 33.4244, -80.8612



100.9580, 50.7997, -6.9792

Rectangle

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



84.9800, -19.2171, 97.3645



96.1520, -47.4029, 37.5777



92.2020, 33.4244, -80.8612



92.4710, 62.3788, -81.0971

Sweetspot

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



84.9800, -19.2171, 97.3645



212.6950, -7.2446, 37.1015



98.7910, 47.9240, 75.6053



102.2910, -4.5805, 22.5468



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.



84.9800, -19.2171, 97.3645



81.5740, -29.8630, 152.0946



124.3430, -43.5531, 62.8432



90.1040, -1.0373, 6.0478



49.2790, -19.3645, 97.9793



10.0950, -3.9908, 20.0877

Inverse Universe

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



84.9800, -19.2171, 97.3645



81.5740, -29.8630, 152.0946



107.6570, 43.5531, -62.8432



90.1040, -1.0373, 6.0478



49.2790, -19.3645, 97.9793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 84.9800, -19.2171, 97.3645 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 84.9800, -19.2171, 97.3645 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 84.9800, -19.2171, 97.3645

Background



This preview shows how black text looks on a background with the YUV color 84.9800, -19.2171, 97.3645.



This preview shows how white text looks on a background with the YUV color 84.9800, -19.2171,

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

84.9800, -19.2171, 97.3645

Protanopia

101.4730, -17.4882, 9.2322

Deuteranopia

100.0870, -32.0879, 25.3567



Tritanopia

85.1280, -23.7271, 97.2347

Trichromacy



Original Color

84.9800, -19.2171, 97.3645

Protanomaly

95.8560, -18.1700, 41.3453

Deuteranomaly

94.2180, -27.2225, 51.5518

Tritanomaly

84.8830, -22.1273, 97.4496

Monochromacy



Original Color

84.9800, -19.2171, 97.3645

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7980, -6.8024, 35.2572

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9800, -19.2171, 97.3645 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(196, 36, 46)` looks like.

```
.text, #text, p{  
    color:rgb(196, 36, 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(196, 36, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 36, 46) }
```

Border

The CSS property to change the border of an element to YUV 84.9800, -19.2171, 97.3645 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(196, 36, 46) }
```


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

```
.border{ border-color:rgb(196, 36, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 36, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 36, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 36, 46);  
box-shadow:4px 4px 4px 4px rgb(196, 36,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 84.9800, -19.2171, 97.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 36, 46) }
```

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

```
.background{ background-color: rgb(196, 36,  
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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