

Converting Colors

YUV(98.7240, -17.6119,
95.8351)

Have a look what the booklet for
YUV(98.7240, -17.6119, 95.8351)
contains.

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Color

**YUV(98.7240, -17.6119,
95.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	D0323F
RGB	208, 50, 63
RGB Percent	82%, 20%, 25%
CMY	0.1843, 0.8039, 0.7529
CMYK	0.00, 0.76, 0.70, 0.18
HSL	355°, 63%, 51%
HSV	355°, 76%, 82%
XYZ	28.0502, 16.0500, 6.3222
YIQ	98.7240, 89.9950, 37.5390

Conversions

Conversions Part 2

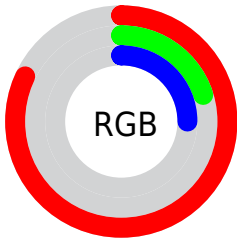
Format	Color
R_{YB}	208, 50, 63
Decimal	13644351
CIE _{Lab}	47.04, 61.17, 31.24
CIE _{LCh}	47, 68.685, 27.058
Yxy	16.0500, 0.5563, 0.3183
Android (android.graphics.Color)	4291834431 (0xFFD0323F)
YUV	98.7240, -17.6119, 95.8351
Hunter-Lab	40.0624, 54.8698, 18.6873

Details

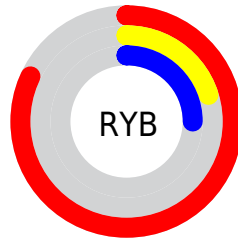
The YUV color **98.7240, -17.6119, 95.8351** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **159.2760, 17.6119, -95.8351**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8820, -20.6478, 89.5575**, and **46.0480, -12.3487, 87.6579** is the 20% darker color. If you saturate the color by 10%, you get **84.2310, -19.8339, 108.5454**, and if you desaturate by 10%, it is **113.2170, -15.3900, 83.1247**.

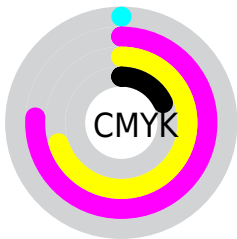
Distribution



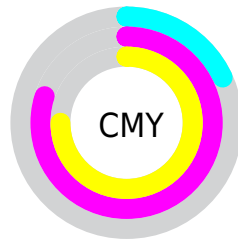
- Red (82%)
- Green (20%)
- Blue (25%)



- Red (82%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (76%)
- Yellow (70%)
- Black (18%)





- Cyan (18%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.7240, -17.6119, 95.8351 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 98.7240, -17.6119, 95.8351 by changing the saturation by 10% instead.


 98.7240, -17.6119,
95.8351


 98.7240, -17.6119,
95.8351


255.0000, 0.0000,
0.0000


 59.9450, -9.3399,
102.6572


 152.8820,
-20.6478, 89.5575


 46.0480, -12.3487,
87.6579


 172.7550,
-18.1202, 72.1289

 34.3850, -16.9518,
70.6994


 192.1550,
-14.8664, 55.1151

 25.5290, -12.0928,
52.1561

 212.2560,
-11.4652, 37.4865

 16.9720, -7.3812,
34.2276

 232.4710, -7.6272,
19.7579

 3.8870, -1.9163,
7.9921

 253.3870, -3.6418,

 0.0000, 0.0000,

1.4146

0.0000

■ 98.7240, -17.6119,
95.8351

■ 98.7240, -17.6119,
95.8351

■ 84.2310, -19.8339,
108.5454

■ 113.2170,
-15.3900, 83.1247

■ 69.7380, -22.0558,
121.2558

■ 127.7100,
-13.1680, 70.4143

■ 64.1300, -23.2351,
126.1740

■ 141.6160,
-10.6567, 58.2188

■ 156.1090, -8.4347,
45.5084

■ 170.6020, -6.2128,
32.7980

■ 185.2090, -3.5540,
19.9877

■ 199.7020, -1.3321,
7.2773

■ 213.6080, 1.1793,
-4.9182

■ 228.1010, 3.4012,
-17.6286

Harmonies

Analogous

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



97.5910, 11.0476, 96.8287



98.7240, -17.6119, 95.8351



102.8510, -50.7055, 70.2907

Triad

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



98.7240, -17.6119, 95.8351



82.2720, -19.8541, -72.1525



97.0190, 64.5736, -85.0857

Complementary

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



98.7240, -17.6119, 95.8351



159.2760, 17.6119, -95.8351

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.



101.3100, 53.0912, -88.8489



98.7240, -17.6119, 95.8351



91.6880, 6.0698, -80.4104

Square

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



98.7240, -17.6119, 95.8351



97.3170, -47.9773, -11.6790



98.4140, 31.8409, -86.3091



110.2450, 52.1372, -16.0009

Rectangle

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



98.7240, -17.6119, 95.8351



105.3440, -51.9346, 44.4253



98.4140, 31.8409, -86.3091



99.6120, 61.8163, -87.3597

Sweetspot

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



98.7240, -17.6119, 95.8351



214.2110, -6.5130, 35.7720



111.3670, 47.6401, 73.3461



103.1060, -3.9963, 21.8320



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.



98.7240, -17.6119, 95.8351



94.5340, -25.8993, 140.7287



135.9840, -42.3901, 63.1580



97.4030, -1.1847, 6.6626



51.8280, -18.6492, 101.8828



12.6010, -4.7333, 24.9059

Inverse Universe

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



98.7240, -17.6119, 95.8351



94.5340, -25.8993, 140.7287



122.0160, 42.3901, -63.1580



97.4030, -1.1847, 6.6626



51.8280, -18.6492, 101.8828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 98.7240, -17.6119, 95.8351 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 98.7240, -17.6119, 95.8351 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 98.7240, -17.6119, 95.8351

Background



This preview shows how black text looks on a background with the YUV color 98.7240, -17.6119, 95.8351.



This preview shows how white text looks on a background with the YUV color 98.7240, -17.6119,

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

98.7240, -17.6119, 95.8351

Protanopia

111.4280, -12.5360, 7.5176

Deuteranopia

110.5260, -27.8673, 24.9717



Tritanopia

98.7580, -22.5587, 95.8052

Trichromacy



Original Color

98.7240, -17.6119, 95.8351

Protanomaly

106.5830, -14.0914, 39.8307

Deuteranomaly

106.0160, -24.1649, 50.8520

Tritanomaly

98.6270, -20.5221, 95.9201

Monochromacy



Original Color

98.7240, -17.6119, 95.8351

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9120, -6.3656, 35.1572

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.7240, -17.6119, 95.8351 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(208, 50, 63)` looks like.

```
.text, #text, p{  
    color:rgb(208, 50, 63)  
}
```

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(208, 50, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 50, 63) }
```

Border

The CSS property to change the border of an element to YUV 98.7240, -17.6119, 95.8351 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(208, 50, 63) }
```


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

```
.border{ border-color:rgb(208, 50, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 50, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 50, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 50, 63);  
box-shadow:4px 4px 4px 4px rgb(208, 50,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 98.7240, -17.6119, 95.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 50, 63) }
```

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

```
.background{ background-color: rgb(208, 50,  
63) }
```

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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