

Converting Colors

YUV(119.6600, -23.9894,
87.9982)

Have a look what the booklet for
YUV(119.6600, -23.9894, 87.9982)
contains.

YUV(119.6600, -23.9894, 87.9982)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.6600, -23.9894,
87.9982)**

Conversions

Conversions Part 1

Format	Color
Hex	DC4E47
RGB	220, 78, 71
RGB Percent	86%, 31%, 28%
CMY	0.1373, 0.6941, 0.7216
CMYK	0.00, 0.65, 0.68, 0.14
HSL	3°, 68%, 57%
HSV	3°, 68%, 86%
XYZ	33.3769, 21.1194, 8.2785
YIQ	119.6600, 86.8790, 27.9270

Conversions

Conversions Part 2

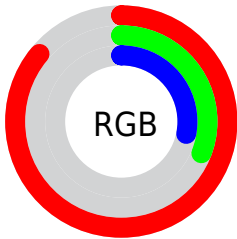
Format	Color
R_{YB}	220, 78, 71
Decimal	14437959
CIE Lab	53.08, 55.00, 34.38
CIE LCh	53, 64.856, 32.007
Yxy	21.1194, 0.5317, 0.3364
Android (android.graphics.Color)	4292628039 (0xFFDC4E47)
YUV	119.6600, -23.9894, 87.9982
Hunter-Lab	45.9558, 49.2189, 21.4885

Details

The YUV color **119.6600, -23.9894, 87.9982** 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 **171.3400, 23.9894, -87.9982**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9960, -23.6620, 76.3025**, and **56.7770, -14.6801, 88.7726** is the 20% darker color. If you saturate the color by 10%, you get **104.8250, -27.5217, 101.0085**, and if you desaturate by 10%, it is **134.4950, -20.4570, 74.9879**.

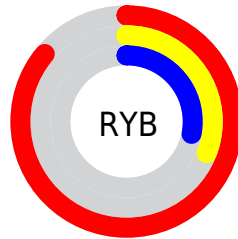
Distribution



Red (86%)

Green (31%)

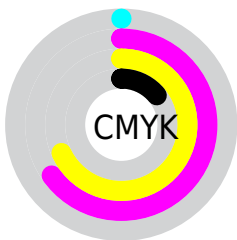
Blue (28%)



Red (86%)

Yellow (31%)

Blue (28%)

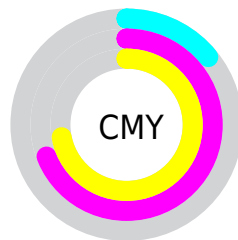


Cyan (0%)

Magenta (65%)

Yellow (68%)

Black (14%)



Cyan (14%)

Magenta (69%)

Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.6600, -23.9894, 87.9982 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 119.6600, -23.9894, 87.9982 by changing the saturation by 10% instead.


 119.6600,
-23.9894, 87.9982


 119.6600,
-23.9894, 87.9982


255.0000, 0.0000,
0.0000


 90.7460, -21.0738,
86.1688


 167.9960,
-23.6620, 76.3025


 56.7770, -14.6801,
88.7726


 187.3960,
-20.4082, 59.2887


 38.6140, -17.5577,
78.3915


 207.3830,
-17.4438, 41.7601

 29.0030, -14.2985,
59.6334

 227.5980,
-13.6058, 24.0316

 20.4460, -9.5869,
41.7049

 247.8130, -9.7678,
6.3030

 11.7750, -5.3121,
23.8763

 0.0000, 0.0000,

0.0000

■ 119.6600,
-23.9894, 87.9982

■ 119.6600,
-23.9894, 87.9982

■ 104.8250,
-27.5217, 101.0085

■ 134.4950,
-20.4570, 74.9879

■ 89.9900, -31.0541,
114.0188

■ 149.3300,
-16.9247, 61.9776

■ 75.1550, -34.5864,
127.0291

■ 164.1650,
-13.3923, 48.9673

■ 71.6500, -35.3235,
130.1029

■ 179.0000, -9.8600,
35.9570

■ 193.8350, -6.3277,
22.9467

■ 208.6700, -2.7953,
9.9364

■ 223.5050, 0.7370,
-3.0739

■ 238.3400, 4.2694,
-16.0842

■ 244.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



119.6690, 2.6282, 90.6213



119.6600, -23.9894, 87.9982



120.8070, -50.6839, 63.3133

Triad

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



119.6600, -23.9894, 87.9982



94.9700, -11.8172, -83.2887



104.7300, 66.1951, -91.8482

Complementary

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



119.6600, -23.9894, 87.9982



171.3400, 23.9894, -87.9982

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.



111.3520, 56.0285, -97.6557



119.6600, -23.9894, 87.9982



103.9300, 12.3595, -91.1466

Square

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



119.6600, -23.9894, 87.9982



110.6000, -50.5818, -16.3122



109.7270, 37.1096, -96.2306



128.4490, 46.1206, 0.4832

Rectangle

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



119.6600, -23.9894, 87.9982



119.1880, -58.7597, 40.1771



109.7270, 37.1096, -96.2306



108.1380, 64.0220, -94.8370

Sweetspot

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



119.6600, -23.9894, 87.9982



220.4230, -8.0965, 30.3240



131.9670, 40.9353, 77.2049



106.8560, -4.8590, 18.5433



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.



119.6600, -23.9894, 87.9982



115.7630, -33.4072, 122.1108



161.9240, -44.8255, 50.9327



102.2890, -1.6215, 6.7625



56.4230, -27.8165, 102.2380



14.9280, -7.3595, 27.2501

Inverse Universe

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



171.3400, 23.9894, -87.9982



187.2370, 33.4072, -122.1108



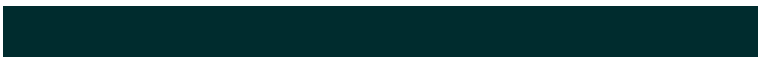
129.0760, 44.8255, -50.9327



106.1240, 1.9109, -6.2477



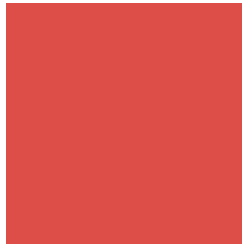
116.5770, 27.8165, -102.2380



31.0720, 7.3595, -27.2501

Previews

White Background



This preview shows how the YUV color 119.6600, -23.9894, 87.9982 looks on a white 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

Black Background



This preview shows how the YUV color 119.6600, -23.9894, 87.9982 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.6600, -23.9894, 87.9982

Background



This preview shows how black text looks on a background with the YUV color 119.6600, -23.9894, 87.9982.



This preview shows how white text looks on a background with the YUV color 119.6600, -23.9894,

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

119.6600, -23.9894, 87.9982

Protanopia

125.6580, -18.0724, 9.9469

Deuteranopia

125.1520, -30.6409, 27.9307



Tritanopia

120.2130, -19.3320, 87.5132

Trichromacy



Original Color

119.6600, -23.9894, 87.9982

Protanomaly

123.2640, -20.3432, 38.3565

Deuteranomaly

122.9790, -28.0906, 50.0074

Tritanomaly

119.7570, -21.0792, 87.9131

Monochromacy



Original Color

119.6600, -23.9894, 87.9982

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9070, -8.8282, 31.6536

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6600, -23.9894, 87.9982 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(220, 78, 71)` looks like.

```
.text, #text, p{  
    color:rgb(220, 78, 71)  
}
```

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(220, 78, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 78, 71) }
```

Border

The CSS property to change the border of an element to YUV 119.6600, -23.9894, 87.9982 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(220, 78, 71) }
```


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

```
.border{ border-color:rgb(220, 78, 71) }
```

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

Here you see how a box with a 4 pixel rgb(220, 78, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 78, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 78, 71);  
box-shadow:4px 4px 4px 4px rgb(220, 78,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 119.6600, -23.9894, 87.9982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 78, 71) }
```

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

```
.background{ background-color: rgb(220, 78,  
71) }
```

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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