

# Converting Colors

YUV(116.2440, -16.3893,  
76.9620)

Have a look what the booklet for  
YUV(116.2440, -16.3893, 76.9620)  
contains.

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# Color

**YUV(116.2440, -16.3893,  
76.9620)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC4E53
RGB	204, 78, 83
RGB Percent	80%, 31%, 33%
CMY	0.2000, 0.6941, 0.6745
CMYK	0.00, 0.62, 0.59, 0.20
HSL	358°, 55%, 55%
HSV	358°, 62%, 80%
XYZ	29.1876, 18.9107, 10.2954
YIQ	116.2440, 73.4910, 28.2670

# Conversions

## Conversions Part 2

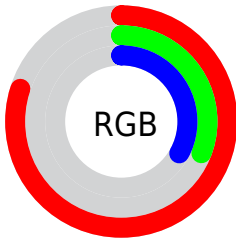
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 78, 83
Decimal	13389395
CIE <sub>Lab</sub>	50.58, 50.34, 23.68
CIE <sub>LCh</sub>	51, 55.630, 25.196
Yxy	18.9107, 0.4998, 0.3238
Android (android.graphics.Color)	4291579475 (0xFFCC4E53)
YUV	116.2440, -16.3893, 76.9620
Hunter-Lab	43.4864, 43.7059, 16.4036

# Details

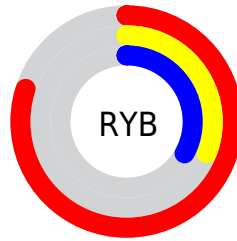
The YUV color **116.2440, -16.3893, 76.9620** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **165.7560, 16.3893, -76.9620**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7770, -18.1311, 75.6176**, and **57.9540, -9.8373, 75.4623** is the 20% darker color. If you saturate the color by 10%, you get **102.2240, -19.3374, 89.2576**, and if you desaturate by 10%, it is **130.2640, -13.4412, 64.6665**.

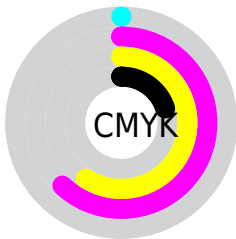
# Distribution



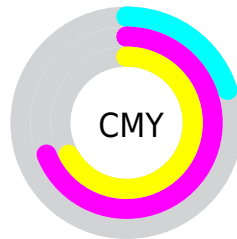
- Red (80%)
- Green (31%)
- Blue (33%)



- Red (80%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (62%)
- Yellow (59%)
- Black (20%)




- Cyan (20%)
- Magenta (69%)
- Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 116.2440, -16.3893, 76.9620 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 116.2440, -16.3893, 76.9620 by changing the saturation by 10% instead.





 116.2440,  
-16.3893, 76.9620


 116.2440,  
-16.3893, 76.9620


255.0000, 0.0000,  
0.0000


 88.2160, -13.9105,  
75.2326


 168.7770,  
-18.1311, 75.6176


 57.9540, -9.8373,  
75.4623


 188.2910,  
-14.4405, 58.5038


 36.1380, -8.9420,  
68.2850


 207.6910,  
-11.1867, 41.4900

 25.7140, -12.6770,  
52.8708

 227.9060, -7.3487,  
23.7614

 17.8690, -7.8234,  
36.0719

 248.2350, -3.0739,  
5.9329

 6.2790, -3.0955,  
12.9103

 0.0000, 0.0000,

0.0000

■ 116.2440,  
-16.3893, 76.9620

■ 116.2440,  
-16.3893, 76.9620

■ 102.2240,  
-19.3374, 89.2576

■ 130.2640,  
-13.4412, 64.6665

■ 87.7310, -21.5594,  
101.9679

■ 144.7570,  
-11.2192, 51.9561

■ 73.7110, -24.5075,  
114.2635

■ 158.7770, -8.2711,  
39.6606

■ 61.9080, -26.5766,  
124.6147

■ 173.2700, -6.0491,  
26.9502

■ 187.2900, -3.1010,  
14.6547

■ 201.3100, -0.1528,  
2.3591

■ 215.8030, 2.0691,  
-10.3512

■ 229.8230, 5.0173,  
-22.6468

■ 239.7510, 7.5178,  
-31.3536

# Harmonies

## Analogous

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



118.3570, 5.7400, 72.4779



116.2440, -16.3893, 76.9620



116.3410, -37.1431, 60.2139

# Triad

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



116.2440, -16.3893, 76.9620



98.6530, -17.5769, -55.8237



99.6460, 56.8695, -87.3895

# Complementary

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



116.2440, -16.3893, 76.9620



165.7560, 16.3893, -76.9620

# 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.



103.5780, 46.5500, -90.8379



116.2440, -16.3893, 76.9620



96.0080, 7.3911, -84.1990

# Square

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



116.2440, -16.3893, 76.9620



110.0990, -43.9258, -4.4718



101.4800, 28.3574, -88.9980



120.1500, 42.8171, -13.2865



# Rectangle

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



116.2440, -16.3893, 76.9620



115.2450, -48.4348, 41.8811



101.4800, 28.3574, -88.9980



101.6520, 54.4016, -89.1488

# Sweetspot

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



116.2440, -16.3893, 76.9620



221.4660, -6.6387, 29.4093



128.2440, 37.3477, 61.1760



107.0840, -3.9854, 18.3433



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.



116.2440, -16.3893, 76.9620



123.4230, -24.3655, 115.3930



149.1330, -35.0686, 48.1184



94.9900, -1.4741, 6.1478



50.4320, -21.4120, 101.3531



11.5900, -4.7279, 23.1616



# Inverse Universe

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



116.2440, -16.3893, 76.9620



123.4230, -24.3655, 115.3930



132.8670, 35.0686, -48.1184



94.9900, -1.4741, 6.1478



50.4320, -21.4120, 101.3531



11.5900, -4.7279, 23.1616



# Previews

## White Background



This preview shows how the YUV color 116.2440, -16.3893, 76.9620 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 116.2440, -16.3893, 76.9620 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 116.2440, -16.3893, 76.9620 Background



This preview shows how black text looks on a background with the YUV color 116.2440, -16.3893, 76.9620.



This preview shows how white text looks on a background with the YUV color 116.2440, -16.3893,



# 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

116.2440, -16.3893, 76.9620

### Protanopia

120.9270, -9.3310, 6.2030

### Deuteranopia

120.5240, -21.4573, 22.3425



## Tritanopia

116.2440, -16.3893, 76.9620

# Trichromacy



## Original Color

116.2440, -16.3893, 76.9620

## Protanomaly

119.1090, -11.8857, 32.3534

## Deuteranomaly

118.8130, -19.6278, 42.2600

## Tritanomaly

116.2440, -16.3893, 76.9620

# Monochromacy



## Original Color

116.2440, -16.3893, 76.9620

## Achromatopsia

116.0000, 0.0000, 0.0000

## Achromatomaly

115.9820, -5.9071, 28.0798

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 116.2440, -16.3893, 76.9620 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(204, 78, 83)` looks like.

```
.text, #text, p{  
    color:rgb(204, 78, 83)  
}
```

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(204, 78, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 78, 83) }
```

## Border

The CSS property to change the border of an element to YUV 116.2440, -16.3893, 76.9620 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(204, 78, 83) }
```



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

```
.border{ border-color:rgb(204, 78, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 78, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 78, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 78, 83);  
box-shadow:4px 4px 4px 4px rgb(204, 78,  
83) }
```

# Background

The CSS property to change the background color of an element to YUV 116.2440, -16.3893, 76.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 78, 83) }
```

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

```
.background{ background-color: rgb(204, 78,  
83) }
```

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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