

Converting Colors

YUV(96.7550, -14.6692,
85.2839)

Have a look what the booklet for
YUV(96.7550, -14.6692, 85.2839)
contains.

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Color

**YUV(96.7550, -14.6692,
85.2839)**

Conversions

Conversions Part 1

Format	Color
Hex	C23543
RGB	194, 53, 67
RGB Percent	76%, 21%, 26%
CMY	0.2392, 0.7922, 0.7373
CMYK	0.00, 0.73, 0.65, 0.24
HSL	354°, 57%, 48%
HSV	354°, 73%, 76%
XYZ	24.5344, 14.4208, 6.8006
YIQ	96.7550, 79.5420, 34.2460

Conversions

Conversions Part 2

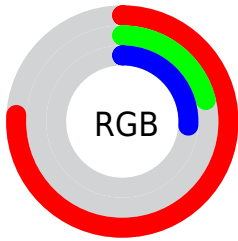
Format	Color
RYB	194, 53, 67
Decimal	12727619
CIELab	44.83, 56.16, 25.53
CIELCh	45, 61.688, 24.445
Yxy	14.4208, 0.5362, 0.3152
Android (android.graphics.Color)	4290917699 (0xFFC23543)
YUV	96.7550, -14.6692, 85.2839
Hunter-Lab	37.9747, 48.8679, 15.9645

Details

The YUV color **96.7550, -14.6692, 85.2839** 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 **150.2450, 14.6692, -85.2839**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9250, -19.1900, 88.6428**, and **42.5030, -9.1220, 79.3659** is the 20% darker color. If you saturate the color by 10%, you get **83.6640, -16.5964, 96.7647**, and if you desaturate by 10%, it is **109.8460, -12.7421, 73.8031**.

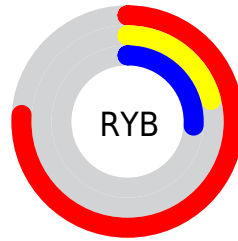
Distribution



Red (76%)

Green (21%)

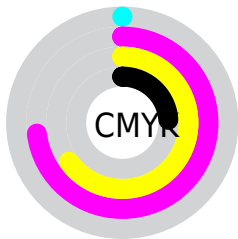
Blue (26%)



Red (76%)

Yellow (21%)

Blue (26%)

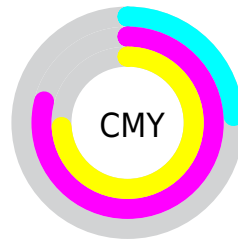


Cyan (0%)

Magenta (73%)

Yellow (65%)

Black (24%)



Cyan (24%)


Magenta (79%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.7550, -14.6692, 85.2839 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 96.7550, -14.6692, 85.2839 by changing the saturation by 10% instead.


 96.7550, -14.6692,
85.2839


 96.7550, -14.6692,
85.2839


255.0000, 0.0000,
0.0000


 63.8460, -9.2911,
86.9581


 153.9250,
-19.1900, 88.6428

 42.5030, -9.1220,
79.3659


 173.2110,
-16.3730, 71.7290

 31.0960, -15.3303,
63.9368

 192.7250,
-12.6824, 54.6152

 22.2400, -10.4713,
45.3935

 212.2390, -8.9918,
37.5014

 13.9820, -5.9071,
28.0798

 232.4540, -5.1538,
19.7728

 0.0000, 0.0000,
0.0000

 253.2560, -1.6052,

1.5295

■ 96.7550, -14.6692,
85.2839

■ 96.7550, -14.6692,
85.2839

■ 83.6640, -16.5964,
96.7647

■ 109.8460,
-12.7421, 73.8031

■ 69.8720, -18.6709,
108.8603

■ 123.6380,
-10.6675, 61.7075

■ 60.1720, -20.2978,
117.3672

■ 136.7290, -8.7404,
50.2267

■ 150.5210, -6.6659,
38.1311

■ 163.6120, -4.7387,
26.6503

■ 176.8170, -2.3748,
15.0695

■ 190.4950, -0.7370,
3.0739

■ 203.7000, 1.6269,
-8.5069

■ 217.3780, 3.2646,
-20.5025

Harmonies

Analogous

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



98.1500, 9.7861, 81.4295



96.7550, -14.6692, 85.2839



99.3370, -41.0851, 64.6025

Triad

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



96.7550, -14.6692, 85.2839



77.4620, -17.9758, -67.9342



91.3310, 58.0108, -80.0973

Complementary

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



96.7550, -14.6692, 85.2839



150.2450, 14.6692, -85.2839

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.



95.0350, 46.8177, -83.3457



96.7550, -14.6692, 85.2839



85.9660, 4.4538, -75.3922

Square

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



96.7550, -14.6692, 85.2839



94.4040, -46.5412, -5.6163



92.4810, 26.8779, -81.1058



104.0720, 47.7855, -20.2341

Rectangle

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



96.7550, -14.6692, 85.2839



100.0280, -49.3138, 43.8254



92.4810, 26.8779, -81.1058



93.9240, 55.2535, -82.3713

Sweetspot

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



96.7550, -14.6692, 85.2839



214.0150, -5.9234, 33.3128



107.0470, 42.8678, 63.9798



104.6220, -3.2646, 20.5025



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.



96.7550, -14.6692, 85.2839



100.9890, -22.6726, 132.4366



128.0310, -36.9903, 57.8548



90.1040, -1.0373, 6.0478



49.9630, -16.7438, 97.3794



10.2090, -3.5540, 19.9877

Inverse Universe

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



96.7550, -14.6692, 85.2839



100.9890, -22.6726, 132.4366



118.9690, 36.9903, -57.8548



90.1040, -1.0373, 6.0478



49.9630, -16.7438, 97.3794



10.2090, -3.5540, 19.9877

Previews

White Background



This preview shows how the YUV color 96.7550, -14.6692, 85.2839 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 96.7550, -14.6692, 85.2839 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 96.7550, -14.6692, 85.2839

Background



This preview shows how black text looks on a background with the YUV color 96.7550, -14.6692, 85.2839.



This preview shows how white text looks on a background with the YUV color 96.7550, -14.6692,

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

96.7550, -14.6692, 85.2839

Protanopia

106.7420, -8.7468, 5.4883

Deuteranopia

105.5840, -22.4729, 21.4128



Tritanopia

96.7890, -19.6160, 85.2540

Trichromacy



Original Color

96.7550, -14.6692, 85.2839

Protanomaly

102.7610, -10.7282, 34.4126

Deuteranomaly

102.2370, -19.3438, 44.5192

Tritanomaly

96.6580, -17.5794, 85.3689

Monochromacy



Original Color

96.7550, -14.6692, 85.2839

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8190, -5.3338, 30.8537

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7550, -14.6692, 85.2839 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(194, 53, 67)` looks like.

```
.text, #text, p{  
    color:rgb(194, 53, 67)  
}
```

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(194, 53, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 53, 67) }
```

Border

The CSS property to change the border of an element to YUV 96.7550, -14.6692, 85.2839 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(194, 53, 67) }
```


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

```
.border{ border-color:rgb(194, 53, 67) }
```

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

Here you see how a box with a 4 pixel rgb(194, 53, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 53, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 53, 67);  
box-shadow:4px 4px 4px 4px rgb(194, 53,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 96.7550, -14.6692, 85.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 53, 67) }
```

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

```
.background{ background-color: rgb(194, 53,  
67) }
```

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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