

Converting Colors

YUV(99.6700, -22.5153,
81.8504)

Have a look what the booklet for
YUV(99.6700, -22.5153, 81.8504)
contains.

YUV(99.6700, -22.5153, 81.8504)	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(99.6700, -22.5153,
81.8504)**

Conversions

Conversions Part 1

Format	Color
Hex	C13D36
RGB	193, 61, 54
RGB Percent	76%, 24%, 21%
CMY	0.2431, 0.7608, 0.7882
CMYK	0.00, 0.68, 0.72, 0.24
HSL	3°, 56%, 48%
HSV	3°, 72%, 76%
XYZ	24.3269, 14.9413, 5.0918
YIQ	99.6700, 80.9190, 25.8070

Conversions

Conversions Part 2

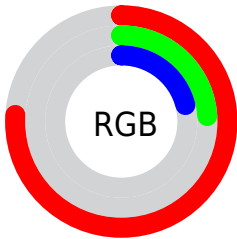
Format	Color
RYB	193, 61, 54
Decimal	12664118
CIELab	45.55, 52.14, 34.07
CIElCh	46, 62.286, 33.163
Yxy	14.9413, 0.5484, 0.3368
Android (android.graphics.Color)	4290854198 (0xFFC13D36)
YUV	99.6700, -22.5153, 81.8504
Hunter-Lab	38.6540, 44.6948, 19.2476

Details

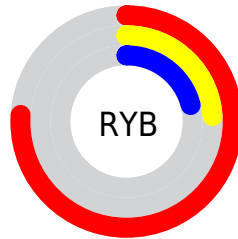
The YUV color **99.6700, -22.5153, 81.8504** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **147.3300, 22.5153, -81.8504**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8510, -27.0415, 86.9537**, and **40.7220, -14.6529, 80.0508** is the 20% darker color. If you saturate the color by 10%, you get **86.9380, -25.6054, 93.0164**, and if you desaturate by 10%, it is **112.4020, -19.4252, 70.6844**.

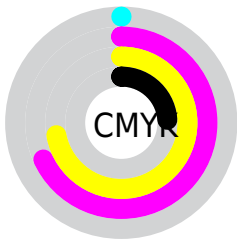
Distribution



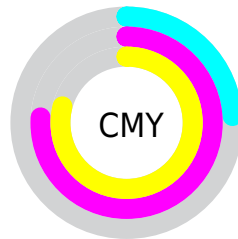
- Red (76%)
- Green (24%)
- Blue (21%)



- Red (76%)
- Yellow (24%)
- Blue (21%)



- Cyan (0%)
- Magenta (68%)
- Yellow (72%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.6700, -22.5153, 81.8504 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 99.6700, -22.5153, 81.8504 by changing the saturation by 10% instead.

■ 99.6700, -22.5153,
81.8504

■ 99.6700, -22.5153,
81.8504

■ 255.0000, 0.0000,
0.0000

■ 70.2830, -18.8735,
80.4358

■ 155.8510,
-27.0415, 86.9537

■ 40.7220, -14.6529,
80.0508

■ 174.5500,
-23.9351, 70.5547

■ 30.4980, -15.0355,
62.7073

■ 194.0640,
-20.2446, 53.4409

■ 21.8270, -10.7607,
44.8787

■ 214.0510,
-17.2801, 35.9123

■ 13.5690, -6.1965,
27.5650

■ 234.2660,
-13.4421, 18.1837

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,

1.9996

■ 99.6700, -22.5153,
81.8504

■ 99.6700, -22.5153,
81.8504

■ 86.9380, -25.6054,
93.0164

■ 112.4020,
-19.4252, 70.6844

■ 73.5050, -28.8430,
104.7971

■ 125.8350,
-16.1877, 58.9037

■ 63.5770, -31.3435,
113.5040

■ 138.5670,
-13.0975, 47.7377

■ 151.2990,
-10.0074, 36.5718

■ 164.7320, -6.7699,
24.7910

■ 177.4640, -3.6798,
13.6251

■ 190.1960, -0.5896,
2.4591

■ 203.5150, 2.2111,
-9.2217

■ 216.3610, 5.7380,
-20.4876

Harmonies

Analogous

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



98.1740, 3.3652, 87.5474



99.6700, -22.5153, 81.8504



101.0020, -49.7940, 57.8802

Triad

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



99.6700, -22.5153, 81.8504



81.7480, -11.7078, -71.6930



90.6130, 60.3368, -79.4676

Complementary

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



99.6700, -22.5153, 81.8504



147.3300, 22.5153, -81.8504

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.



96.2890, 51.6225, -84.4455



99.6700, -22.5153, 81.8504



89.6650, 11.0112, -78.6362

Square

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



99.6700, -22.5153, 81.8504



92.5550, -45.6296, -18.0267



95.0060, 34.0140, -83.3203



109.2490, 42.7682, 2.4126

Rectangle

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



99.6700, -22.5153, 81.8504



101.4460, -50.0129, 34.6889



95.0060, 34.0140, -83.3203



93.4340, 58.4530, -81.9416

Sweetspot

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



99.6700, -22.5153, 81.8504



213.2060, -8.9756, 32.2683



110.6090, 37.1678, 72.2569



103.0410, -5.4432, 19.2580



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



99.6700, -22.5153, 81.8504



105.7420, -34.8758, 126.5143



140.1730, -42.4833, 46.3293



90.5770, -1.7635, 5.6330



52.8350, -26.0477, 94.8607



11.0410, -5.4432, 19.2580

Inverse Universe

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



147.3300, 22.5153, -81.8504



179.2580, 34.8758, -126.5143



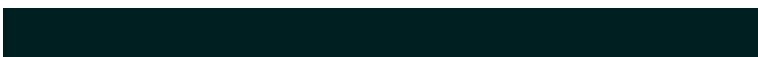
106.8270, 42.4833, -46.3293



93.4230, 1.7635, -5.6330



108.1650, 26.0477, -94.8607



21.9590, 5.4432, -19.2580

Previews

White Background



This preview shows how the YUV color 99.6700, -22.5153, 81.8504 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 99.6700, -22.5153, 81.8504 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 99.6700, -22.5153, 81.8504 Background



This preview shows how black text looks on a background with the YUV color 99.6700, -22.5153, 81.8504.



This preview shows how white text looks on a background with the YUV color 99.6700, -22.5153,

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

99.6700, -22.5153, 81.8504

Protanopia

107.2450, -18.3618, 9.4321

Deuteranopia

106.0700, -29.6145, 25.3716



Tritanopia

100.1090, -18.2947, 81.4654

Trichromacy



Original Color

99.6700, -22.5153, 81.8504

Protanomaly

104.6550, -20.0429, 35.3826

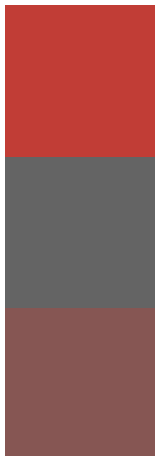
Deuteranomaly

103.8860, -27.0588, 45.7040

Tritanomaly

99.7670, -19.6051, 81.7653

Monochromacy



Original Color

99.6700, -22.5153, 81.8504

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0100, -8.3859, 29.8092

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.6700, -22.5153, 81.8504 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(193, 61, 54)` looks like.

```
.text, #text, p{  
    color:rgb(193, 61, 54)  
}
```

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(193, 61, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 61, 54) }
```

Border

The CSS property to change the border of an element to YUV 99.6700, -22.5153, 81.8504 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(193, 61, 54) }
```


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

```
.border{ border-color:rgb(193, 61, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 61, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 61, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 61, 54);  
box-shadow:4px 4px 4px 4px rgb(193, 61,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 99.6700, -22.5153, 81.8504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 61, 54) }
```

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

```
.background{ background-color: rgb(193, 61,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor