

Converting Colors

YUV(93.9820, -8.8651, 90.3468)

Have a look what the booklet for
YUV(93.9820, -8.8651, 90.3468)
contains.

YUV(93.9820, -8.8651, 90.3468)	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(93.9820, -8.8651,
90.3468)**

Conversions

Conversions Part 1

Format	Color
Hex	C52D4C
RGB	197, 45, 76
RGB Percent	77%, 18%, 30%
CMY	0.2275, 0.8235, 0.7020
CMYK	0.00, 0.77, 0.61, 0.23
HSL	348°, 63%, 47%
HSV	348°, 77%, 77%
XYZ	25.2689, 14.2689, 8.2598
YIQ	93.9820, 80.6410, 41.8650

Conversions

Conversions Part 2

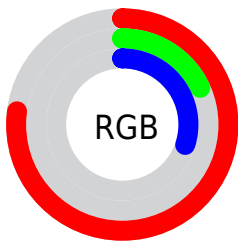
Format	Color
RYB	197, 45, 76
Decimal	12922188
CIELab	44.62, 60.23, 19.85
CIElCh	45, 63.413, 18.238
Yxy	14.2689, 0.5287, 0.2985
Android (android.graphics.Color)	4291112268 (0xFFC52D4C)
YUV	93.9820, -8.8651, 90.3468
Hunter-Lab	37.7742, 53.3018, 13.4774

Details

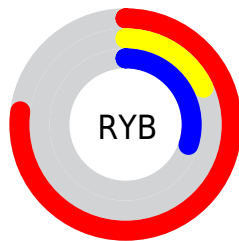
The YUV color **93.9820, -8.8651, 90.3468** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **148.0180, 8.8651, -90.3468**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1300, -13.3751, 90.2170**, and **44.4260, -5.6330, 80.3104** is the 20% darker color. If you saturate the color by 10%, you get **80.4180, -10.0661, 102.2424**, and if you desaturate by 10%, it is **107.5460, -7.6642, 78.4512**.

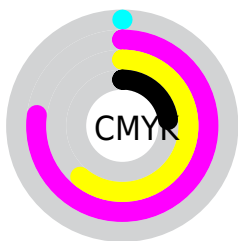
Distribution



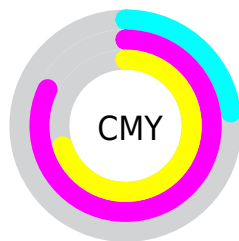
- Red (77%)
- Green (18%)
- Blue (30%)



- Red (77%)
- Yellow (18%)
- Blue (30%)



- Cyan (0%)
- Magenta (77%)
- Yellow (61%)
- Black (23%)



- Cyan (23%)
- Magenta (82%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.9820, -8.8651, 90.3468 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 93.9820, -8.8651, 90.3468 by changing the saturation by 10% instead.

■ 93.9820, -8.8651,
90.3468

■ 93.9820, -8.8651,
90.3468

255.0000, 0.0000,
0.0000

■ 55.7900, -0.8825,
96.6542

■ 152.1300,
-13.3751, 90.2170

■ 44.4260, -5.6330,
80.3104

■ 171.4160,
-10.5581, 73.3032

■ 32.9480, -10.8204,
64.0666

■ 190.9300, -6.8675,
56.1894

■ 23.1370, -10.9135,
47.2379

■ 211.0310, -3.4663,
38.5608

■ 14.5800, -6.2019,
29.3093

■ 231.3600, 0.8085,
20.7323

■ 0.0000, 0.0000,
0.0000

■ 251.4780, 1.7363,

■ 93.9820, -8.8651,
90.3468

■ 93.9820, -8.8651,
90.3468

■ 80.4180, -10.0661,
102.2424

■ 107.5460, -7.6642,
78.4512

■ 67.5550, -11.1196,
113.5233

■ 120.4090, -6.6106,
67.1703

■ 63.4630, -11.5673,
117.1119

■ 133.9730, -5.4097,
55.2747

■ 147.5370, -4.2087,
43.3791

■ 160.9870, -3.4446,
31.5834

■ 173.9640, -1.9543,
20.2026

■ 187.5280, -0.7533,
8.3069

■ 200.9780, 0.0108,
-3.4887

■ 213.9550, 1.5012,
-14.8695

Harmonies

Analogous

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



97.9200, 15.3224, 79.0002



93.9820, -8.8651, 90.3468



98.3470, -36.1601, 71.6097

Triad

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



93.9820, -8.8651, 90.3468



80.1340, -27.1811, -55.3685



93.2060, 57.5794, -81.7417

Complementary

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



93.9820, -8.8651, 90.3468



148.0180, 8.8651, -90.3468

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.



94.9380, 43.9076, -83.2606



93.9820, -8.8651, 90.3468



83.8970, -0.9352, -73.5777

Square

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



93.9820, -8.8651, 90.3468



95.6330, -47.1471, 2.0759



91.3410, 22.5099, -80.1061



96.0410, 54.7028, -45.6400

Rectangle

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



93.9820, -8.8651, 90.3468



98.8980, -48.7567, 51.8325



91.3410, 22.5099, -80.1061



94.8700, 53.8011, -83.2010

Sweetspot

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



93.9820, -8.8651, 90.3468



215.0090, -3.4554, 35.0721



97.9090, 48.8519, 57.9618



103.5620, -2.2491, 21.4321



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.



93.9820, -8.8651, 90.3468



94.3350, -13.9692, 140.9032



115.6890, -34.8497, 71.3097



92.9190, -0.4531, 5.3330



52.4990, -9.6130, 96.9094



11.5620, -2.2491, 21.4321

Inverse Universe

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



93.9820, -8.8651, 90.3468



94.3350, -13.9692, 140.9032



126.3110, 34.8497, -71.3097



92.9190, -0.4531, 5.3330



52.4990, -9.6130, 96.9094



11.5620, -2.2491, 21.4321

Previews

White Background



This preview shows how the YUV color 93.9820, -8.8651, 90.3468 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 93.9820, -8.8651, 90.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

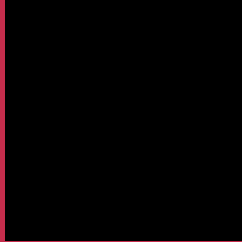
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.9820, -8.8651, 90.3468

Background



This preview shows how black text looks on a background with the YUV color 93.9820, -8.8651, 90.3468.



This preview shows how white text looks on a background with the YUV color 93.9820, -8.8651,

90.3468.

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

93.9820, -8.8651, 90.3468

Protanopia

106.5550, -1.7526, 2.1443

Deuteranopia

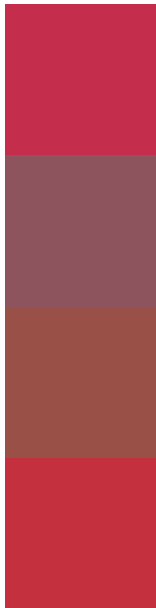
105.8980, -18.6837, 19.3835



Tritanopia

93.8820, -20.6478, 89.5575

Trichromacy



Original Color

93.9820, -8.8651, 90.3468

Protanomaly

102.0690, -4.4710, 34.1425

Deuteranomaly

101.3880, -14.9813, 45.2637

Tritanomaly

93.7340, -16.1379, 89.6873

Monochromacy



Original Color

93.9820, -8.8651, 90.3468

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.6990, -3.3026, 32.7130

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9820, -8.8651, 90.3468 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(197, 45, 76)` looks like.

```
.text, #text, p{  
    color:rgb(197, 45, 76)  
}
```

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(197, 45, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 45, 76) }
```

Border

The CSS property to change the border of an element to YUV 93.9820, -8.8651, 90.3468 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(197, 45, 76) }
```


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

```
.border{ border-color:rgb(197, 45, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 45, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 45, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 45, 76);  
box-shadow:4px 4px 4px 4px rgb(197, 45,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 93.9820, -8.8651, 90.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 45, 76) }
```

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

```
.background{ background-color: rgb(197, 45,  
76) }
```

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