

Converting Colors

YUV(91.9350, -14.2650,
95.6500)

Have a look what the booklet for
YUV(91.9350, -14.2650, 95.6500)
contains.

YUV(91.9350, -14.2650, 95.6500)	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(91.9350, -14.2650,
95.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	C92A3F
RGB	201, 42, 63
RGB Percent	79%, 16%, 25%
CMY	0.2118, 0.8353, 0.7529
CMYK	0.00, 0.79, 0.69, 0.21
HSL	352°, 65%, 48%
HSV	352°, 79%, 79%
XYZ	25.8126, 14.4323, 6.1279
YIQ	91.9350, 88.0230, 40.2390

Conversions

Conversions Part 2

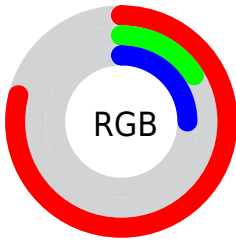
Format	Color
R_{YB}	201, 42, 63
Decimal	13183551
CIE Lab	44.85, 61.52, 28.26
CIE LCh	45, 67.705, 24.674
Yxy	14.4323, 0.5566, 0.3112
Android (android.graphics.Color)	4291373631 (0xFFC92A3F)
YUV	91.9350, -14.2650, 95.6500
Hunter-Lab	37.9899, 54.8011, 17.0293

Details

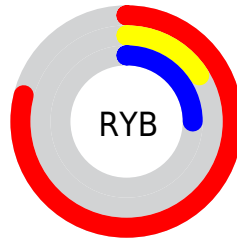
The YUV color **91.9350, -14.2650, 95.6500** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **151.0650, 14.2650, -95.6500**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3600, -18.9115, 92.6463**, and **43.9550, -11.3168, 83.3545** is the 20% darker color. If you saturate the color by 10%, you get **78.2570, -15.9027, 107.6456**, and if you desaturate by 10%, it is **105.6130, -12.6272, 83.6544**.

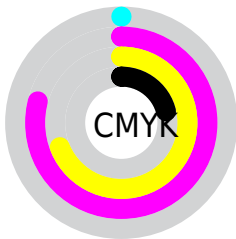
Distribution



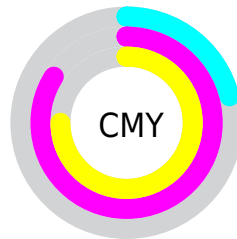
- Red (79%)
- Green (16%)
- Blue (25%)



- Red (79%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (79%)
- Yellow (69%)
- Black (21%)



- Cyan (21%)
- Magenta (84%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.9350, -14.2650, 95.6500 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 91.9350, -14.2650, 95.6500 by changing the saturation by 10% instead.

■ 91.9350, -14.2650,
95.6500

■ 91.9350, -14.2650,
95.6500

255.0000, 0.0000,
0.0000

■ 55.5040, -7.1505,
100.4130

■ 149.3600,
-18.9115, 92.6463

■ 43.9550, -11.3168,
83.3545

■ 168.6460,
-16.0945, 75.7325

■ 32.5910, -16.0674,
67.0107

■ 188.6330,
-13.1301, 58.2039

■ 23.7350, -11.2084,
48.4674

■ 208.1470, -9.4395,
41.0901

■ 14.8790, -6.3493,
29.9241

■ 228.9490, -5.8909,
22.8467

■ 0.0000, 0.0000,
0.0000

■ 249.1640, -2.0529,

■ 91.9350, -14.2650,
95.6500

■ 91.9350, -14.2650,
95.6500

■ 78.2570, -15.9027,
107.6456

■ 105.6130,
-12.6272, 83.6544

■ 64.4650, -17.9772,
119.7412

■ 119.4050,
-10.5527, 71.5588

■ 63.1770, -17.8353,
120.8708

■ 133.0830, -8.9149,
59.5632

■ 146.8750, -6.8404,
47.4676

■ 161.1400, -5.4920,
34.9572

■ 174.9320, -3.4175,
22.8616

■ 188.6100, -1.7797,
10.8660

■ 202.4020, 0.2948,
-1.2296

■ 216.0800, 1.9326,
-13.2252

Harmonies

Analogous

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



91.5520, 13.5319, 93.3549



91.9350, -14.2650, 95.6500



97.2470, -47.9428, 70.8204

Triad

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



91.9350, -14.2650, 95.6500



77.7240, -22.0489, -68.1639



93.1720, 62.5262, -81.7118

Complementary

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



91.9350, -14.2650, 95.6500



151.0650, 14.2650, -95.6500

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.



97.1210, 49.7333, -85.1751



91.9350, -14.2650, 95.6500



87.0260, 3.4382, -76.3218

Square

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



91.9350, -14.2650, 95.6500



93.7950, -46.2409, -8.5902



93.6380, 28.7725, -82.1205



102.7170, 52.8905, -24.3078

Rectangle

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



91.9350, -14.2650, 95.6500



100.0390, -49.3192, 45.5698



93.6380, 28.7725, -82.1205



95.6510, 59.3321, -83.8859

Sweetspot

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



91.9350, -14.2650, 95.6500



213.1510, -5.4974, 36.7016



101.3880, 49.1087, 68.9427



102.5190, -3.7069, 22.3468



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.



91.9350, -14.2650, 95.6500



89.0060, -21.6950, 145.5767



123.5870, -40.2224, 67.8912



92.8050, -0.8899, 5.4330



51.2450, -14.4178, 98.0091



11.3340, -3.1227, 21.6321

Inverse Universe

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



91.9350, -14.2650, 95.6500



89.0060, -21.6950, 145.5767



119.4130, 40.2224, -67.8912



92.8050, -0.8899, 5.4330



51.2450, -14.4178, 98.0091



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 91.9350, -14.2650, 95.6500 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 91.9350, -14.2650, 95.6500 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 91.9350, -14.2650, 95.6500

Background



This preview shows how black text looks on a background with the YUV color 91.9350, -14.2650, 95.6500.



This preview shows how white text looks on a background with the YUV color 91.9350, -14.2650,

95.6500.

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

91.9350, -14.2650, 95.6500

Protanopia

106.5140, -9.6204, 5.6882

Deuteranopia

105.4980, -25.3885, 23.2423



Tritanopia

91.4590, -22.4113, 95.1905

Trichromacy



Original Color

91.9350, -14.2650, 95.6500

Protanomaly

100.9680, -11.3232, 38.6161

Deuteranomaly

100.4010, -21.3967, 49.6373

Tritanomaly

91.5560, -19.5011, 95.1054

Monochromacy



Original Color

91.9350, -14.2650, 95.6500

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.1400, -5.4920, 34.9572

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.9350, -14.2650, 95.6500 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(201, 42, 63)` looks like.

```
.text, #text, p{  
    color:rgb(201, 42, 63)  
}
```

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(201, 42, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 42, 63) }
```

Border

The CSS property to change the border of an element to YUV 91.9350, -14.2650, 95.6500 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(201, 42, 63) }
```


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

```
.border{ border-color:rgb(201, 42, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 42, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 42, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 42, 63);  
box-shadow:4px 4px 4px 4px rgb(201, 42,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 91.9350, -14.2650, 95.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 42, 63) }
```

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

```
.background{ background-color: rgb(201, 42,  
63) }
```

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