

Converting Colors

YUV(91.3860, -14.9803,
91.7465)

Have a look what the booklet for
YUV(91.3860, -14.9803, 91.7465)
contains.

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Color

**YUV(91.3860, -14.9803,
91.7465)**

Conversions

Conversions Part 1

Format	Color
Hex	C42C3D
RGB	196, 44, 61
RGB Percent	77%, 17%, 24%
CMY	0.2314, 0.8275, 0.7608
CMYK	0.00, 0.78, 0.69, 0.23
HSL	353°, 63%, 47%
HSV	353°, 78%, 77%
XYZ	24.5079, 13.8740, 5.8011
YIQ	91.3860, 85.1350, 37.5110

Conversions

Conversions Part 2

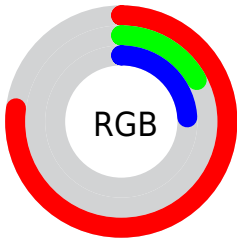
Format	Color
R_{YB}	196, 44, 61
Decimal	12856381
CIE _{Lab}	44.05, 59.40, 28.28
CIE _{LCh}	44, 65.788, 25.459
Yxy	13.8740, 0.5547, 0.3140
Android (android.graphics.Color)	4291046461 (0xFFC42C3D)
YUV	91.3860, -14.9803, 91.7465
Hunter-Lab	37.2479, 52.2636, 16.8395

Details

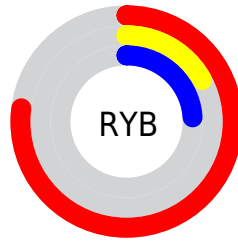
The YUV color **91.3860, -14.9803, 91.7465** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **148.6140, 14.9803, -91.7465**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0180, -20.2219, 92.9462**, and **42.2320, -11.4534, 80.4805** is the 20% darker color. If you saturate the color by 10%, you get **77.7080, -16.6180, 103.7421**, and if you desaturate by 10%, it is **105.0640, -13.3426, 79.7509**.

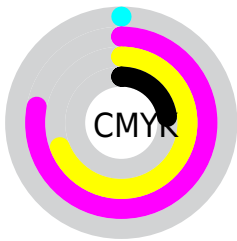
Distribution



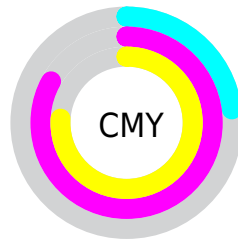
- Red (77%)
- Green (17%)
- Blue (24%)



- Red (77%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (78%)
- Yellow (69%)
- Black (23%)





- Cyan (23%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.3860, -14.9803, 91.7465 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 91.3860, -14.9803, 91.7465 by changing the saturation by 10% instead.


 91.3860, -14.9803,
91.7465


 91.3860, -14.9803,
91.7465


255.0000, 0.0000,
0.0000

 53.7810, -7.2870,
97.5391


 149.0180,
-20.2219, 92.9462


 42.2320, -11.4534,
80.4805


 168.4180,
-16.9681, 75.9324


 31.0960, -15.3303,
63.9368

 188.4050,
-14.0037, 58.4038

 22.5390, -10.6187,
46.0083

 207.9190,
-10.3131, 41.2900

 13.6830, -5.7597,
27.4650

 228.1340, -6.4751,
23.5615

 0.0000, 0.0000,
0.0000

 248.9360, -2.9264,

5.3181

■ 91.3860, -14.9803,
91.7465

■ 91.3860, -14.9803,
91.7465

■ 77.7080, -16.6180,
103.7421

■ 105.0640,
-13.3426, 79.7509

■ 64.5030, -18.9820,
115.3229

■ 118.2690,
-10.9786, 68.1701

■ 61.1120, -19.2822,
118.2968

■ 131.9470, -9.3409,
56.1745

■ 145.1520, -6.9769,
44.5937

■ 158.8300, -5.3392,
32.5981

■ 172.5080, -3.7014,
20.6025

■ 185.7130, -1.3375,
9.0217

■ 199.3910, 0.3002,
-2.9739

■ 212.5960, 2.6642,
-14.5547

Harmonies

Analogous

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



91.0740, 11.7955, 90.2661



91.3860, -14.9803, 91.7465



95.7520, -47.2057, 67.7465

Triad

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



91.3860, -14.9803, 91.7465



76.1910, -20.3072, -66.8195



91.3140, 60.4842, -80.0824

Complementary

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



91.3860, -14.9803, 91.7465



148.6140, 14.9803, -91.7465

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.



94.9040, 48.8543, -83.2308



91.3860, -14.9803, 91.7465



85.2650, 4.3064, -74.7774

Square

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



91.3860, -14.9803, 91.7465



91.7240, -45.2199, -9.4049



92.2360, 28.4777, -80.8910



101.1690, 50.6957, -20.3192

Rectangle

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



91.3860, -14.9803, 91.7465



98.2560, -48.4402, 43.6255



92.2360, 28.4777, -80.8910



93.3200, 58.0162, -81.8416

Sweetspot

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



91.3860, -14.9803, 91.7465



214.4390, -5.6394, 35.5720



101.3940, 46.6408, 67.1835



103.2200, -3.5595, 21.7321



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.



91.3860, -14.9803, 91.7465



91.8270, -23.5787, 143.1027



123.4940, -39.1905, 63.5878



90.1040, -1.0373, 6.0478



50.1910, -15.8702, 97.1795



10.3230, -3.1172, 19.8877

Inverse Universe

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



91.3860, -14.9803, 91.7465



91.8270, -23.5787, 143.1027



116.5060, 39.1905, -63.5878



90.1040, -1.0373, 6.0478



50.1910, -15.8702, 97.1795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 91.3860, -14.9803, 91.7465 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 91.3860, -14.9803, 91.7465 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 91.3860, -14.9803, 91.7465

Background



This preview shows how black text looks on a background with the YUV color 91.3860, -14.9803, 91.7465.



This preview shows how white text looks on a background with the YUV color 91.3860, -14.9803,

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

91.3860, -14.9803, 91.7465

Protanopia

104.6990, -10.2046, 6.4030

Deuteranopia

103.3130, -24.8043, 22.5275



Tritanopia

91.6650, -21.5268, 91.5018

Trichromacy



Original Color

91.3860, -14.9803, 91.7465

Protanomaly

100.1420, -11.9020, 37.5865

Deuteranomaly

99.0910, -21.2439, 47.2782

Tritanomaly

91.6480, -19.0535, 91.5167

Monochromacy



Original Color

91.3860, -14.9803, 91.7465

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1290, -5.4866, 33.2129

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.3860, -14.9803, 91.7465 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(196, 44, 61)` looks like.

```
.text, #text, p{  
    color:rgb(196, 44, 61)  
}
```

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(196, 44, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 44, 61) }
```

Border

The CSS property to change the border of an element to YUV 91.3860, -14.9803, 91.7465 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(196, 44, 61) }
```


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

```
.border{ border-color:rgb(196, 44, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 44, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 44, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 44, 61);  
box-shadow:4px 4px 4px 4px rgb(196, 44,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 91.3860, -14.9803, 91.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 44, 61) }
```

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

```
.background{ background-color: rgb(196, 44,  
61) }
```

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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