

Converting Colors

YUV(94.3870, -36.6728,
96.1306)

Have a look what the booklet for
YUV(94.3870, -36.6728, 96.1306)
contains.

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Color

**YUV(94.3870, -36.6728,
96.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3514
RGB	204, 53, 20
RGB Percent	80%, 21%, 8%
CMY	0.2000, 0.7922, 0.9216
CMYK	0.00, 0.74, 0.90, 0.20
HSL	11°, 82%, 44%
HSV	11°, 90%, 80%
XYZ	26.3012, 15.4341, 2.2547
YIQ	94.3870, 100.5890, 21.7490

Conversions

Conversions Part 2

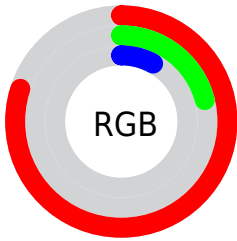
Format	Color
RYB	204, 60, 20
Decimal	13382932
CIELab	46.22, 57.62, 52.36
CIELCh	46, 77.857, 42.262
Yxy	15.4341, 0.5979, 0.3509
Android (android.graphics.Color)	4291573012 (0xFFCC3514)
YUV	94.3870, -36.6728, 96.1306
Hunter-Lab	39.2862, 50.7506, 24.0977

Details

The YUV color **94.3870, -36.6728, 96.1306** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **129.6130, 36.6728, -96.1306**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6810, -39.2827, 93.2418**, and **42.1590, -20.7844, 86.6836** is the 20% darker color. If you saturate the color by 10%, you get **82.7150, -40.7785, 106.3669**, and if you desaturate by 10%, it is **106.6460, -32.8565, 85.3795**.

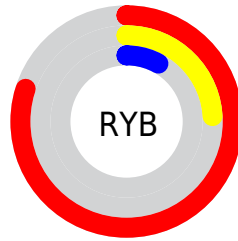
Distribution



Red (80%)

Green (21%)

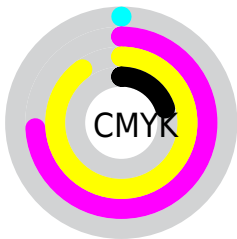
Blue (8%)



Red (80%)

Yellow (24%)

Blue (8%)

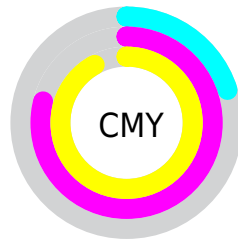


Cyan (0%)

Magenta (74%)

Yellow (90%)

Black (20%)



Cyan (20%)


Magenta (79%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.3870, -36.6728, 96.1306 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 94.3870, -36.6728, 96.1306 by changing the saturation by 10% instead.


 94.3870, -36.6728,
96.1306

 94.3870, -36.6728,
96.1306


255.0000, 0.0000,
0.0000


 60.2330, -29.6949,
98.0197


 148.6810,
-39.2827, 93.2418


 42.1590, -20.7844,
86.6836


 167.9670,
-36.4657, 76.3279

 32.5910, -16.0674,
67.0107

 187.3670,
-33.2119, 59.3141

 23.6210, -11.6452,
48.5674

 207.3540,
-30.2475, 41.7855

 15.4770, -6.6442,
31.1537

 227.4550,
-26.8463, 24.1570

 0.0000, 0.0000,
0.0000

 248.2570,

-23.2977, 5.9136

252.0360,
-11.3567, 2.5994

94.3870, -36.6728,
96.1306

94.3870, -36.6728,
96.1306

82.7150, -40.7785,
106.3669

106.6460,
-32.8565, 85.3795

118.4320,
-28.3140, 75.0431

130.6910,
-24.4977, 64.2920

143.0640,
-20.2446, 53.4409

155.3230,
-16.4282, 42.6897

■ 166.9950,
-12.3225, 32.4534

■ 179.3680, -8.0694,
21.6023

■ 191.6270, -4.2531,
10.8511

■ 204.0000, 0.0000,
0.0000

Harmonies

Analogous

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



75.5840, 5.1351, 126.6528



94.3870, -36.6728, 96.1306



103.3390, -50.9461, 54.0767

Triad

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



94.3870, -36.6728, 96.1306



86.2960, -9.5129, -75.6816



91.2290, 72.8511, -80.0078

Complementary

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



94.3870, -36.6728, 96.1306



129.6130, 36.6728, -96.1306

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.



101.9260, 65.6055, -89.3891



94.3870, -36.6728, 96.1306



95.3360, 20.0474, -83.6097

Square

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



94.3870, -36.6728, 96.1306



77.2290, -38.0739, -61.5908



101.7030, 46.9814, -89.1935



110.7820, 47.9285, 27.3782

Rectangle

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



94.3870, -36.6728, 96.1306



102.5540, -50.5591, 23.1931



101.7030, 46.9814, -89.1935



96.2670, 71.8464, -84.4262

Sweetspot

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



94.3870, -36.6728, 96.1306



213.6750, -13.6438, 36.2420



92.4580, 39.7072, 97.8223



103.3680, -8.0694, 21.6023



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.



94.3870, -36.6728, 96.1306



103.2470, -50.9008, 133.0874



147.2170, -62.7180, 49.7987



96.1640, -2.0529, 5.1182



67.2440, -33.1513, 86.6090



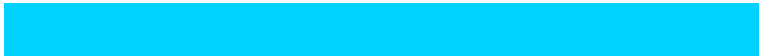
15.4710, -7.6272, 19.7579

Inverse Universe

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



129.6130, 36.6728, -96.1306



151.7530, 50.9008, -133.0874



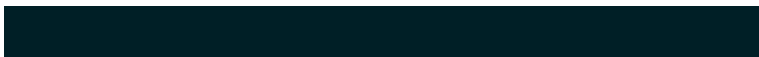
76.7830, 62.7180, -49.7987



97.8360, 2.0529, -5.1182



98.7560, 33.1513, -86.6090



22.5290, 7.6272, -19.7579

Previews

White Background



This preview shows how the YUV color 94.3870, -36.6728, 96.1306 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 94.3870, -36.6728, 96.1306 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 94.3870, -36.6728, 96.1306

Background



This preview shows how black text looks on a background with the YUV color 94.3870, -36.6728, 96.1306.



This preview shows how white text looks on a background with the YUV color 94.3870, -36.6728,

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

94.3870, -36.6728, 96.1306

Protanopia

106.1090, -35.5497, 15.6904

Deuteranopia

103.1960, -50.8756, 31.4001



Tritanopia

96.4590, -22.4113, 95.1905

Trichromacy



Original Color

94.3870, -36.6728, 96.1306

Protanomaly

101.8830, -35.9313, 44.8296

Deuteranomaly

100.0170, -45.8574, 55.2361

Tritanomaly

95.7920, -27.5055, 95.7754

Monochromacy



Original Color

94.3870, -36.6728, 96.1306

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0770, -13.3490, 35.0125

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.3870, -36.6728, 96.1306 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(204, 53, 20)` looks like.

```
.text, #text, p{  
    color:rgb(204, 53, 20)  
}
```

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(204, 53, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 53, 20) }
```

Border

The CSS property to change the border of an element to YUV 94.3870, -36.6728, 96.1306 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(204, 53, 20) }
```


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

```
.border{ border-color:rgb(204, 53, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 53, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 53, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 53, 20);  
box-shadow:4px 4px 4px 4px rgb(204, 53,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 94.3870, -36.6728, 96.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 53, 20) }
```

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

```
.background{ background-color: rgb(204, 53,  
20) }
```

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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