

Converting Colors

YUV(96.1270, -39.0096,
98.9896)

Have a look what the booklet for
YUV(96.1270, -39.0096, 98.9896)
contains.

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Color

**YUV(96.1270, -39.0096,
98.9896)**

Conversions

Conversions Part 1

Format	Color
Hex	D13611
RGB	209, 54, 17
RGB Percent	82%, 21%, 7%
CMY	0.1804, 0.7882, 0.9333
CMYK	0.00, 0.74, 0.92, 0.18
HSL	12°, 85%, 44%
HSV	12°, 92%, 82%
XYZ	27.7148, 16.2341, 2.2031
YIQ	96.1270, 104.2570, 21.3530

Conversions

Conversions Part 2

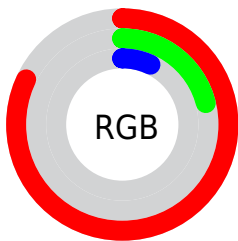
Format	Color
R_{YB}	209, 63, 17
Decimal	13710865
CIE Lab	47.28, 58.80, 54.60
CIE LCh	47, 80.244, 42.881
Yxy	16.2341, 0.6005, 0.3518
Android (android.graphics.Color)	4291900945 (0xFFD13611)
YUV	96.1270, -39.0096, 98.9896
Hunter-Lab	40.2916, 52.2722, 24.9622

Details

The YUV color **96.1270, -39.0096, 98.9896** 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 **129.8730, 39.0096, -98.9896**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6270, -40.7351, 92.4121**, and **43.3550, -21.3740, 89.1427** is the 20% darker color. If you saturate the color by 10%, you get **85.9710, -42.3837, 107.8964**, and if you desaturate by 10%, it is **108.5000, -34.7565, 88.1385**.

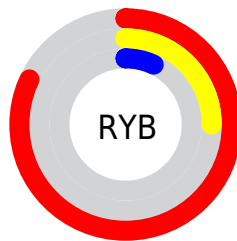
Distribution



Red (82%)

Green (21%)

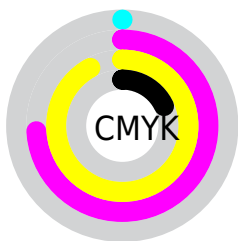
Blue (7%)



Red (82%)

Yellow (25%)

Blue (7%)

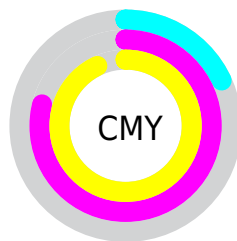


Cyan (0%)

Magenta (74%)

Yellow (92%)

Black (18%)



Cyan (18%)


Magenta (79%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.1270, -39.0096, 98.9896 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 96.1270, -39.0096, 98.9896 by changing the saturation by 10% instead.


 96.1270, -39.0096,
98.9896


 96.1270, -39.0096,
98.9896


255.0000, 0.0000,
0.0000


 62.3150, -30.7213,
100.5787


 149.6270,
-40.7351, 92.4121


 43.3550, -21.3740,
89.1427


 168.9130,
-37.9181, 75.4983


 34.0860, -16.8044,
70.0846


 188.3130,
-34.6643, 58.4845

 24.8170, -12.2348,
51.0265

 208.3000,
-31.6999, 40.9559

 16.6730, -7.2338,
33.6128

 228.4010,
-28.2987, 23.3273


 2.9900, -1.4741,
6.1478


 248.6160,


 0.0000, 0.0000,


-24.4607, 5.5988


0.0000

 251.8080,
-12.2303, 2.7994


 96.1270, -39.0096,
98.9896


 96.1270, -39.0096,
98.9896


 85.9710, -42.3837,
107.8964

 108.5000,
-34.7565, 88.1385

 120.8730,
-30.5034, 77.2874

 133.2460,
-26.2503, 66.4363

 145.0320,
-21.7078, 56.0999

 157.4050,
-17.4547, 45.2488

■ 169.6640,
-13.6384, 34.4977

■ 182.0370, -9.3852,
23.6466

■ 194.4100, -5.1321,
12.7954

■ 206.7830, -0.8790,
1.9443

Harmonies

Analogous

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



77.7910, 4.5400, 130.8563



96.1270, -39.0096, 98.9896



105.4100, -51.9671, 54.8914

Triad

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



96.1270, -39.0096, 98.9896



88.8720, -9.7969, -77.9407



93.7880, 75.0405, -82.2521

Complementary

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



96.1270, -39.0096, 98.9896



129.8730, 39.0096, -98.9896

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.



104.5990, 68.2317, -91.7333



96.1270, -39.0096, 98.9896



98.2540, 21.0738, -86.1688

Square

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



96.1270, -39.0096, 98.9896



76.8970, -37.9102, -67.4387



104.8490, 48.8814, -91.9526



112.8470, 49.3754, 29.9522

Rectangle

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



96.1270, -39.0096, 98.9896



104.9130, -51.7221, 22.8783



104.8490, 48.8814, -91.9526



98.8260, 74.0358, -86.6704

Sweetspot

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



96.1270, -39.0096, 98.9896



212.8600, -14.2280, 36.9568



92.3060, 40.2751, 102.3406



102.4390, -9.0904, 22.4170



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.



96.1270, -39.0096, 98.9896



105.0080, -51.7689, 131.5430



151.3050, -66.2124, 50.5985



98.4630, -2.2003, 5.7329



69.0160, -34.0249, 86.8090



16.9550, -8.3588, 21.0875

Inverse Universe

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



129.8730, 39.0096, -98.9896



149.9920, 51.7689, -131.5430



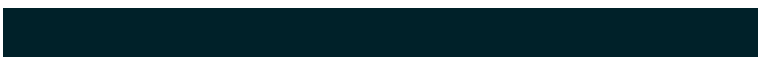
74.6950, 66.2124, -50.5985



100.5370, 2.2003, -5.7329



98.9840, 34.0249, -86.8090



24.0450, 8.3588, -21.0875

Previews

White Background



This preview shows how the YUV color 96.1270, -39.0096, 98.9896 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 96.1270, -39.0096, 98.9896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

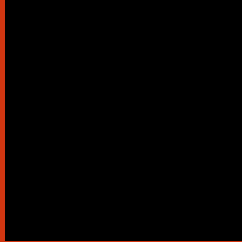
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.1270, -39.0096, 98.9896

Background



This preview shows how black text looks on a background with the YUV color 96.1270, -39.0096, 98.9896.



This preview shows how white text looks on a background with the YUV color 96.1270, -39.0096,

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

96.1270, -39.0096, 98.9896

Protanopia

107.9520, -37.4443, 16.7051

Deuteranopia

105.2670, -51.8966, 32.2148



Tritanopia

98.6550, -23.0009, 97.6496

Trichromacy



Original Color

96.1270, -39.0096, 98.9896

Protanomaly

104.0250, -37.9733, 46.4591

Deuteranomaly

101.9740, -47.3152, 56.1508

Tritanomaly

97.7600, -28.9687, 98.4345

Monochromacy



Original Color

96.1270, -39.0096, 98.9896

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1480, -14.3700, 35.8272

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1270, -39.0096, 98.9896 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(209, 54, 17)` looks like.

```
.text, #text, p{  
    color:rgb(209, 54, 17)  
}
```

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(209, 54, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 54, 17) }
```

Border

The CSS property to change the border of an element to YUV 96.1270, -39.0096, 98.9896 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(209, 54, 17) }
```


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

```
.border{ border-color:rgb(209, 54, 17) }
```

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

Here you see how a box with a 4 pixel rgb(209, 54, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 54, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 54, 17);  
box-shadow:4px 4px 4px 4px rgb(209, 54,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 96.1270, -39.0096, 98.9896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 54, 17) }
```

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

```
.background{ background-color: rgb(209, 54,  
17) }
```

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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