

Converting Colors

YUV(79.1860, -35.0947,
103.3229)

Have a look what the booklet for
YUV(79.1860, -35.0947, 103.3229)
contains.

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Color

**YUV(79.1860, -35.0947,
103.3229)**

Conversions

Conversions Part 1

Format	Color
Hex	C52108
RGB	197, 33, 8
RGB Percent	77%, 13%, 3%
CMY	0.2275, 0.8706, 0.9686
CMYK	0.00, 0.83, 0.96, 0.23
HSL	8°, 92%, 40%
HSV	8°, 96%, 77%
XYZ	23.6136, 12.9756, 1.4897
YIQ	79.1860, 105.7690, 26.9930

Conversions

Conversions Part 2

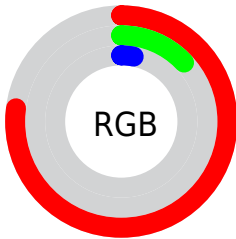
Format	Color
R_{YB}	197, 37, 8
Decimal	12919048
CIE Lab	42.73, 61.19, 53.42
CIE LCh	43, 81.229, 41.119
Yxy	12.9756, 0.6201, 0.3408
Android (android.graphics.Color)	4291109128 (0xFFC52108)
YUV	79.1860, -35.0947, 103.3229
Hunter-Lab	36.0216, 53.9763, 22.7632

Details

The YUV color **79.1860, -35.0947, 103.3229** 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 **125.8140, 35.0947, -103.3229**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.3230, -39.5992, 101.4487**, and **39.7670, -19.6051, 81.7653** is the 20% darker color. If you saturate the color by 10%, you get **74.1650, -36.5633, 107.7263**, and if you desaturate by 10%, it is **91.4450, -31.2784, 92.5717**.

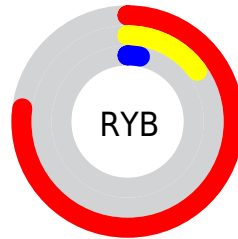
Distribution



Red (77%)

Green (13%)

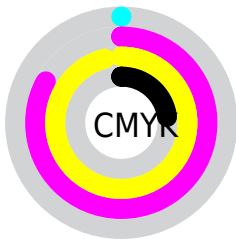
Blue (3%)



Red (77%)

Yellow (15%)

Blue (3%)

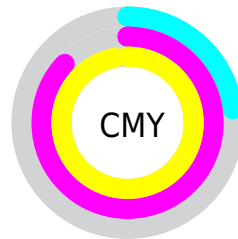


Cyan (0%)

Magenta (83%)

Yellow (96%)

Black (23%)



Cyan (23%)


Magenta (87%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.1860, -35.0947, 103.3229 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 79.1860, -35.0947, 103.3229 by changing the saturation by 10% instead.


 79.1860, -35.0947,
103.3229

 79.1860, -35.0947,
103.3229


 253.9740, -3.9312,
0.8998


 49.3350, -24.3222,
101.4382


 139.3230,
-39.5992, 101.4487

 39.7670, -19.6051,
81.7653


 158.6090,
-36.7822, 84.5349


 30.4980, -15.0355,
62.7073

 177.8950,
-33.9652, 67.6211

 22.0550, -9.8871,
44.6788

 197.8820,
-31.0008, 50.0925


 12.6720, -5.7543,
25.7207


 217.9830,
-27.5996, 32.4639


 0.0000, 0.0000,
0.0000


 238.6710,


-24.4878, 14.3205


 250.6680,
-16.5983, 3.7992


 79.1860, -35.0947,
103.3229

 79.1860, -35.0947,
103.3229

 74.1650, -36.5633,
107.7263

 91.4450, -31.2784,
92.5717

 103.5900,
-27.8989, 81.9206

 115.8490,
-24.0826, 71.1694

 128.1080,
-20.2662, 60.4183

 140.3670,
-16.4499, 49.6671

■ 153.0990,
-13.3598, 38.5012

■ 165.3580, -9.5435,
27.7500

■ 177.6170, -5.7272,
16.9989

■ 189.7620, -2.3477,
6.3477

Harmonies

Analogous

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



72.8070, 3.5461, 122.9493



79.1860, -35.0947, 103.3229



94.4900, -46.5836, 54.8213

Triad

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



79.1860, -35.0947, 103.3229



79.5310, -12.5868, -69.7487



86.6640, 73.1296, -76.0043

Complementary

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



79.1860, -35.0947, 103.3229



125.8140, 35.0947, -103.3229

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.



96.6600, 65.7366, -84.7708



79.1860, -35.0947, 103.3229



88.7990, 17.8471, -77.8767

Square

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



79.1860, -35.0947, 103.3229



69.8530, -34.4375, -61.2611



96.0950, 45.8022, -84.2753



101.1560, 50.7021, 24.4192

Rectangle

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



79.1860, -35.0947, 103.3229



94.8790, -46.7753, 22.9081



96.0950, 45.8022, -84.2753



91.7020, 72.1249, -80.4227

Sweetspot

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



79.1860, -35.0947, 103.3229



208.9960, -13.8020, 40.3455



83.5490, 45.0853, 99.4965



99.9770, -8.3697, 24.5762



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.



79.1860, -35.0947, 103.3229



96.2030, -47.4281, 139.2650



133.1900, -61.7187, 55.9614



93.2780, -1.6161, 5.0182



61.6510, -30.3939, 88.8831



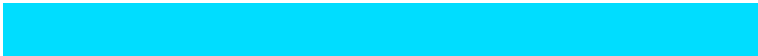
13.6990, -6.7536, 19.5580

Inverse Universe

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



125.8140, 35.0947, -103.3229



158.7970, 47.4281, -139.2650



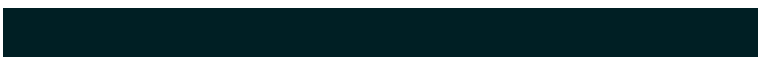
71.8100, 61.7187, -55.9614



95.7220, 1.6161, -5.0182



101.9360, 30.1046, -89.3979



22.3010, 6.7536, -19.5580

Previews

White Background



This preview shows how the YUV color 79.1860, -35.0947, 103.3229 looks on a white background.

Color Contrast Check

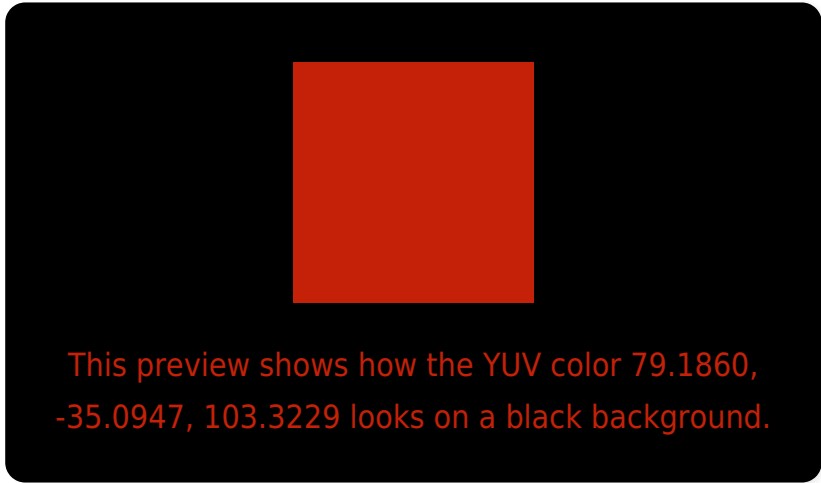
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

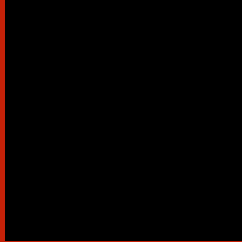
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.1860, -35.0947, 103.3229

Background



This preview shows how black text looks on a background with the YUV color 79.1860, -35.0947, 103.3229.



This preview shows how white text looks on a background with the YUV color 79.1860, -35.0947,

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

79.1860, -35.0947, 103.3229

Protanopia

97.2230, -35.1129, 15.5904

Deuteranopia

95.5100, -47.0864, 29.3707



Tritanopia

80.4060, -25.3432, 102.2529

Trichromacy



Original Color

79.1860, -35.0947, 103.3229

Protanomaly

90.7200, -35.3580, 47.6036

Deuteranomaly

89.8260, -42.8052, 56.2806

Tritanomaly

80.0810, -29.1269, 102.5380

Monochromacy



Original Color

79.1860, -35.0947, 103.3229

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9140, -12.7756, 37.7864

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.1860, -35.0947, 103.3229 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, 33, 8)` looks like.

```
.text, #text, p{  
    color:rgb(197, 33, 8)  
}
```

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, 33, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 33, 8) }
```

Border

The CSS property to change the border of an element to YUV 79.1860, -35.0947, 103.3229 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, 33, 8) }
```


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

```
.border{ border-color:rgb(197, 33, 8) }
```

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

Here you see how a box with a 4 pixel rgb(197, 33, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 33, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 33, 8);  
box-shadow:4px 4px 4px 4px rgb(197, 33, 8)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.1860, -35.0947, 103.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 33, 8) }
```

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

```
.background{ background-color: rgb(197, 33,  
8) }
```

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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