

# Converting Colors

YUV(79.6590, -35.8209,  
102.9081)

Have a look what the booklet for  
YUV(79.6590, -35.8209, 102.9081)  
contains.

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# Color

**YUV(79.6590, -35.8209,  
102.9081)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C52207
RGB	197, 34, 7
RGB Percent	77%, 13%, 3%
CMY	0.2275, 0.8667, 0.9725
CMYK	0.00, 0.83, 0.96, 0.23
HSL	9°, 93%, 40%
HSV	9°, 96%, 77%
XYZ	23.6363, 13.0297, 1.4702
YIQ	79.6590, 105.8150, 26.1590

# Conversions

## Conversions Part 2

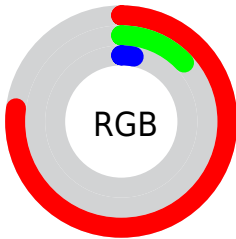
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">197, 38, 7</a>
Decimal	<a href="#">12919303</a>
CIELab	<a href="#">42.81, 60.94, 53.77</a>
CIElCh	<a href="#">43, 81.271, 41.421</a>
Yxy	<a href="#">13.0297, 0.6198, 0.3417</a>
Android (android.graphics.Color)	<a href="#">4291109383</a> ( <a href="#">0xFFC52207</a> )
YUV	<a href="#">79.6590, -35.8209, 102.9081</a>
Hunter-Lab	<a href="#">36.0967, 53.7137, 22.8528</a>

# Details

The YUV color **79.6590, -35.8209, 102.9081** 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 **124.3410, 35.8209, -102.9081**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2090, -40.0360, 101.5487**, and **39.7670, -19.6051, 81.7653** is the 20% darker color. If you saturate the color by 10%, you get **75.3390, -37.1421, 106.6967**, and if you desaturate by 10%, it is **91.9180, -32.0046, 92.1569**.

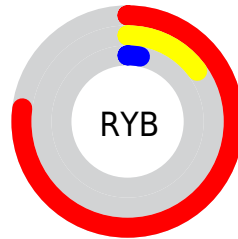
# Distribution



Red (77%)

Green (13%)

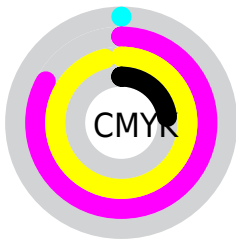
Blue (3%)



Red (77%)

Yellow (15%)

Blue (3%)

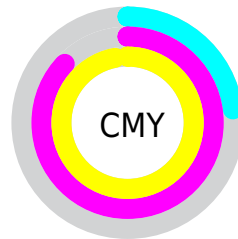


Cyan (0%)

Magenta (83%)

Yellow (96%)

Black (23%)



Cyan (23%)

Magenta (87%)


Yellow (97%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 79.6590, -35.8209, 102.9081 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 79.6590, -35.8209, 102.9081 by changing the saturation by 10% instead.





 79.6590, -35.8209,  
102.9081

 79.6590, -35.8209,  
102.9081


 253.8600, -4.3680,  
0.9998

 49.3350, -24.3222,  
101.4382


 139.2090,  
-40.0360, 101.5487

 39.7670, -19.6051,  
81.7653


 159.0820,  
-37.5084, 84.1201


 30.4980, -15.0355,  
62.7073

 178.3680,  
-34.6914, 67.2063

 22.0550, -9.8871,  
44.6788

 198.3550,  
-31.7270, 49.6777


 12.9710, -5.9017,  
26.3354


 218.4560,  
-28.3258, 32.0491


 0.0000, 0.0000,  
0.0000


 238.5570,


-24.9246, 14.4205


 250.6680,  
-16.5983, 3.7992


 79.6590, -35.8209,  
102.9081


 79.6590, -35.8209,  
102.9081

 75.3390, -37.1421,  
106.6967

 91.9180, -32.0046,  
92.1569

 104.0630,  
-28.6251, 81.5057

 116.3220,  
-24.8087, 70.7546

 128.5810,  
-20.9924, 60.0035

 140.8400,  
-17.1761, 49.2523

■ 152.3980,  
-13.5072, 39.1160

■ 164.6570, -9.6909,  
28.3648

■ 176.9160, -5.8746,  
17.6137

■ 189.0610, -2.4951,  
6.9625

# Harmonies

## Analogous

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



72.6930, 3.1094, 123.0492



79.6590, -35.8209, 102.9081



95.0770, -46.8730, 54.3065

# Triad

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



79.6590, -35.8209, 102.9081



79.6450, -12.1500, -69.8487



86.7780, 73.5664, -76.1043

# Complementary

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



79.6590, -35.8209, 102.9081



124.3410, 35.8209, -102.9081

# 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.



97.3610, 65.8840, -85.3856



79.6590, -35.8209, 102.9081



89.5000, 17.9945, -78.4915

# Square

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



79.6590, -35.8209, 102.9081



69.8530, -34.4375, -61.2611



96.2090, 46.2390, -84.3753



100.8680, 50.8441, 25.5488



# Rectangle

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



79.6590, -35.8209, 102.9081



94.8790, -46.7753, 22.9081



96.2090, 46.2390, -84.3753



91.7020, 72.1249, -80.4227

# Sweetspot

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



79.6590, -35.8209, 102.9081



209.5830, -14.0914, 39.8307



82.6200, 44.0643, 100.3113



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.



79.6590, -35.8209, 102.9081



97.3770, -48.0069, 138.2354



134.2500, -62.7342, 55.0318



93.2780, -1.6161, 5.0182



62.2380, -30.6833, 88.3683



13.6990, -6.7536, 19.5580

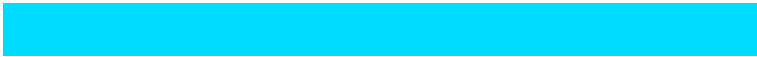


# Inverse Universe

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



124.3410, 35.8209, -102.9081



157.6230, 48.0069, -138.2354



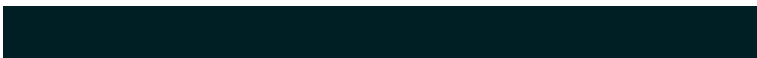
69.7500, 62.7342, -55.0318



95.7220, 1.6161, -5.0182



100.7620, 30.6833, -88.3683



22.3010, 6.7536, -19.5580



# Previews

## White Background



This preview shows how the YUV color 79.6590, -35.8209, 102.9081 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 79.6590, -35.8209, 102.9081 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

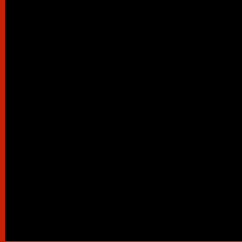
Any Text WCAG AA × Fail

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 79.6590, -35.8209, 102.9081 Background



This preview shows how black text looks on a background with the YUV color 79.6590, -35.8209, 102.9081.



This preview shows how white text looks on a background with the YUV color 79.6590, -35.8209,



# 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

79.6590, -35.8209, 102.9081

### Protanopia

97.6960, -35.8391, 15.1756

### Deuteranopia

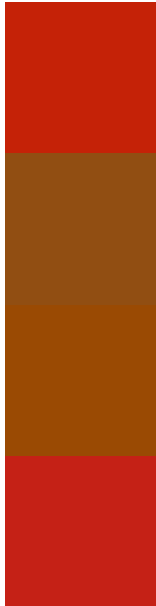
95.5100, -47.0864, 29.3707



## Tritanopia

81.1070, -25.1958, 101.6382

# Trichromacy



## Original Color

79.6590, -35.8209, 102.9081

## Protanomaly

91.1930, -36.0841, 47.1887

## Deuteranomaly

89.8260, -42.8052, 56.2806

## Tritanomaly

80.7820, -28.9795, 101.9232

# Monochromacy



## Original Color

79.6590, -35.8209, 102.9081

## Achromatopsia

80.0000, 0.0000, 0.0000

## Achromatomaly

79.8000, -13.2124, 37.8864

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.6590, -35.8209, 102.9081 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, 34, 7)` looks like.

```
.text, #text, p{  
    color:rgb(197, 34, 7)  
}
```

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, 34, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 34, 7) }
```

## Border

The CSS property to change the border of an element to YUV 79.6590, -35.8209, 102.9081 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, 34, 7) }
```



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

```
.border{ border-color:rgb(197, 34, 7) }
```

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

Here you see how a box with a 4 pixel rgb(197, 34, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 34, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 34, 7);  
box-shadow:4px 4px 4px 4px rgb(197, 34, 7)  
}
```

# Background

The CSS property to change the background color of an element to YUV 79.6590, -35.8209, 102.9081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 34, 7) }
```

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

```
.background{ background-color: rgb(197, 34,  
7) }
```

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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