

Converting Colors

YUV(103.9310, -25.1090,
73.7285)

Have a look what the booklet for
YUV(103.9310, -25.1090, 73.7285)
contains.

YUV(103.9310, -25.1090, 73.7285)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(103.9310, -25.1090,
73.7285)**

Conversions

Conversions Part 1

Format	Color
Hex	BC4735
RGB	188, 71, 53
RGB Percent	74%, 28%, 21%
CMY	0.2627, 0.7216, 0.7922
CMYK	0.00, 0.62, 0.72, 0.26
HSL	8°, 56%, 47%
HSV	8°, 72%, 74%
XYZ	23.6349, 15.4549, 5.1056
YIQ	103.9310, 75.5100, 19.2060

Conversions

Conversions Part 2

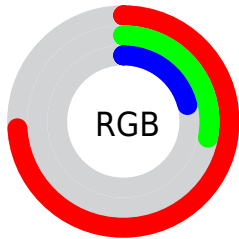
Format	Color
RYB	188, 74, 53
Decimal	12338997
CIELab	46.25, 46.10, 35.21
CIElCh	46, 58.004, 37.374
Yxy	15.4549, 0.5348, 0.3497
Android (android.graphics.Color)	4290529077 (0xFFBC4735)
YUV	103.9310, -25.1090, 73.7285
Hunter-Lab	39.3127, 38.5174, 19.8189

Details

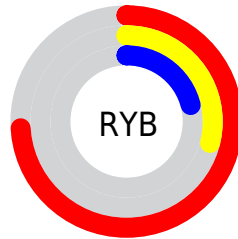
The YUV color **103.9310, -25.1090, 73.7285** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **137.0690, 25.1090, -73.7285**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0520, -28.6196, 79.7614**, and **45.7550, -18.1202, 72.1289** is the 20% darker color. If you saturate the color by 10%, you get **92.3730, -28.7779, 83.8649**, and if you desaturate by 10%, it is **115.4890, -21.4401, 63.5921**.

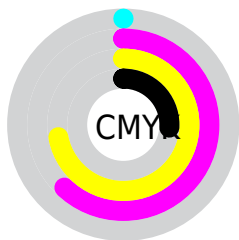
Distribution



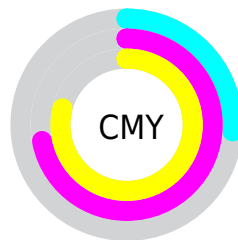
- Red (74%)
- Green (28%)
- Blue (21%)



- Red (74%)
- Yellow (29%)
- Blue (21%)



- Cyan (0%)
- Magenta (62%)
- Yellow (72%)
- Black (26%)



- Cyan (26%)
- Magenta (72%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9310, -25.1090, 73.7285 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 103.9310, -25.1090, 73.7285 by changing the saturation by 10% instead.

■ 103.9310,
-25.1090, 73.7285

■ 103.9310,
-25.1090, 73.7285

■ 255.0000, 0.0000,
0.0000

■ 76.6040, -22.4828,
71.3843

■ 159.0520,
-28.6196, 79.7614

■ 45.7550, -18.1202,
72.1289

■ 179.2460,
-26.2503, 66.4363

■ 29.3020, -14.4459,
60.2481

■ 198.6460,
-22.9965, 49.4225

■ 20.6310, -10.1711,
42.4196

■ 218.1600,
-19.3059, 32.3087

■ 12.9710, -5.9017,
26.3354

■ 238.2610,
-15.9047, 14.6801

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,

1.9996

■ 103.9310,
-25.1090, 73.7285

■ 103.9310,
-25.1090, 73.7285

■ 92.3730, -28.7779,
83.8649

■ 115.4890,
-21.4401, 63.5921

■ 80.2280, -32.1574,
94.5160

■ 127.6340,
-18.0606, 52.9410

■ 70.8870, -34.9473,
102.7081

■ 139.0780,
-14.8285, 42.9046

■ 150.6360,
-11.1595, 32.7682

■ 162.1940, -7.4906,
22.6319

■ 174.3390, -4.1111,
11.9807

■ 185.8970, -0.4422,
1.8443

■ 197.3410, 2.7899,
-8.1921

■ 209.4860, 6.1694,
-18.8432

Harmonies

Analogous

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



103.1640, -1.5599, 80.5402



103.9310, -25.1090, 73.7285



103.1860, -48.8987, 50.7029

Triad

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



103.9310, -25.1090, 73.7285



83.7030, -6.7556, -73.4075



89.3420, 58.0054, -78.3529

Complementary

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



103.9310, -25.1090, 73.7285



137.0690, 25.1090, -73.7285

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.



96.0610, 50.7489, -84.2455



103.9310, -25.1090, 73.7285



91.2780, 14.6529, -80.0508

Square

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



103.9310, -25.1090, 73.7285



95.1120, -37.0302, -22.9002



96.0490, 35.4718, -84.2350



112.1100, 36.9208, 11.3045

Rectangle

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



103.9310, -25.1090, 73.7285



102.8860, -50.7228, 29.0410



96.0490, 35.4718, -84.2350



92.2770, 56.5584, -80.9269

Sweetspot

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



103.9310, -25.1090, 73.7285



211.2550, -9.9857, 29.5944



106.7030, 31.2054, 71.2975



102.6170, -5.7272, 16.9989



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



103.9310, -25.1090, 73.7285



113.5250, -39.2058, 115.3036



143.8470, -44.7876, 38.7222



88.2780, -1.6161, 5.0182



59.5690, -29.3675, 86.3240



11.6170, -5.7272, 16.9989

Inverse Universe

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



137.0690, 25.1090, -73.7285



165.4750, 39.2058, -115.3036



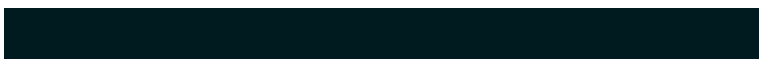
97.7400, 44.4982, -39.2370



90.7220, 1.6161, -5.0182



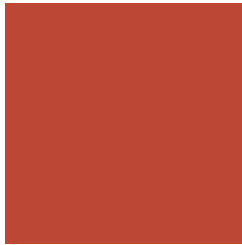
98.4310, 29.3675, -86.3240



19.3830, 5.7272, -16.9989

Previews

White Background



This preview shows how the YUV color 103.9310, -25.1090, 73.7285 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 103.9310, -25.1090, 73.7285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

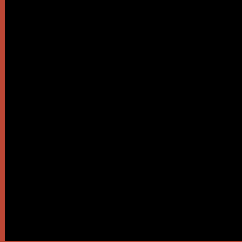
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.9310, -25.1090, 73.7285

Background



This preview shows how black text looks on a background with the YUV color 103.9310, -25.1090, 73.7285.



This preview shows how white text looks on a background with the YUV color 103.9310, -25.1090,

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

103.9310, -25.1090, 73.7285

Protanopia

108.2730, -20.8406, 11.1616

Deuteranopia

107.8420, -30.4881, 25.5716



Tritanopia

104.6350, -16.0891, 73.9881

Trichromacy



Original Color

103.9310, -25.1090, 73.7285

Protanomaly

106.6610, -22.5109, 33.6233

Deuteranomaly

106.8210, -28.5058, 43.1300

Tritanomaly

104.4240, -19.4360, 74.1732

Monochromacy



Original Color

103.9310, -25.1090, 73.7285

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0590, -9.3961, 27.1353

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9310, -25.1090, 73.7285 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(188, 71, 53)` looks like.

```
.text, #text, p{  
    color:rgb(188, 71, 53)  
}
```

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(188, 71, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 71, 53) }
```

Border

The CSS property to change the border of an element to YUV 103.9310, -25.1090, 73.7285 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(188, 71, 53) }
```


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

```
.border{ border-color:rgb(188, 71, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 71, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 71, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 71, 53);  
box-shadow:4px 4px 4px 4px rgb(188, 71,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 103.9310, -25.1090, 73.7285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 71, 53) }
```

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

```
.background{ background-color: rgb(188, 71,  
53) }
```

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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