

Converting Colors

YUV(103.1990, -21.7901,
35.7825)

Have a look what the booklet for
YUV(103.1990, -21.7901, 35.7825)
contains.

YUV(103.1990, -21.7901, 35.7825)	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(103.1990, -21.7901,
35.7825)**

Conversions

Conversions Part 1

Format	Color
Hex	905B3B
RGB	144, 91, 59
RGB Percent	56%, 36%, 23%
CMY	0.4353, 0.6431, 0.7686
CMYK	0.00, 0.37, 0.59, 0.44
HSL	23°, 42%, 40%
HSV	23°, 59%, 56%
XYZ	16.0321, 13.7272, 5.9423
YIQ	103.1990, 41.8600, 1.2840

Conversions

Conversions Part 2

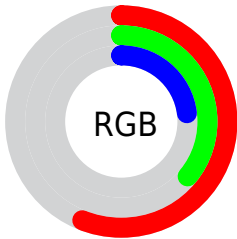
Format	Color
R_YB	144, 110, 59
Decimal	9460539
CIE Lab	43.84, 18.33, 27.31
CIE LCh	44, 32.892, 56.123
Yxy	13.7272, 0.4491, 0.3845
Android (android.graphics.Color)	4287650619 (0xFF905B3B)
YUV	103.1990, -21.7901, 35.7825
Hunter-Lab	37.0503, 12.4011, 16.4260

Details

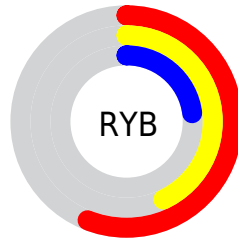
The YUV color **103.1990, -21.7901, 35.7825** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **99.8010, 21.7901, -35.7825**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0640, -23.6956, 40.2859**, and **55.0350, -19.7373, 30.6643** is the 20% darker color. If you saturate the color by 10%, you get **96.3200, -25.3008, 41.8154**, and if you desaturate by 10%, it is **110.0780, -18.2795, 29.7496**.

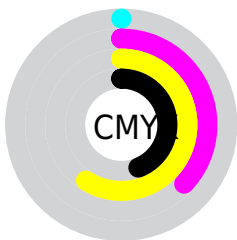
Distribution



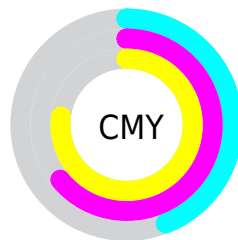
- Red (56%)
- Green (36%)
- Blue (23%)



- Red (56%)
- Yellow (43%)
- Blue (23%)



- Cyan (0%)
- Magenta (37%)
- Yellow (59%)
- Black (44%)





- Cyan (44%)
- Magenta (64%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.1990, -21.7901, 35.7825 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 103.1990, -21.7901, 35.7825 by changing the saturation by 10% instead.


 103.1990,
-21.7901, 35.7825


 103.1990,
-21.7901, 35.7825


255.0000, 0.0000,
0.0000

 78.5300, -20.4743,
33.7382


 155.0640,
-23.6956, 40.2859


 55.0350, -19.7373,
30.6643


 182.4340,
-24.8640, 41.7154

 32.6370, -16.0900,
27.5054

 208.8360,
-24.5691, 40.4858

 11.9600, -5.8963,
24.5911

 228.3500,
-20.8785, 23.3721

 0.0000, 0.0000,
0.0000

 248.5650,
-17.0405, 5.6435

 253.5180, -5.6784,

1.2997

■ 103.1990,
-21.7901, 35.7825

■ 103.1990,
-21.7901, 35.7825

■ 96.3200, -25.3008,
41.8154

■ 110.0780,
-18.2795, 29.7496

■ 89.3270, -29.2482,
47.9482

■ 117.0710,
-14.3320, 23.6167

■ 82.4480, -32.7589,
53.9811

■ 123.9500,
-10.8213, 17.5839

■ 75.4550, -36.7063,
60.1140

■ 130.9430, -6.8739,
11.4510

■ 74.7540, -36.8537,
60.7287

■ 137.8220, -3.3632,
5.4181

■ 144.7010, 0.1474,
-0.6148

■ 151.6940, 4.0949,
-6.7476

■ 158.5730, 7.6055,
-12.7805

■ 165.5660, 11.5530,
-18.9134

Harmonies

Analogous

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



104.3000, -11.4869, 44.4639



103.1990, -21.7901, 35.7825



101.5360, -26.3932, 18.8239

Triad

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



103.1990, -21.7901, 35.7825



80.2640, 9.2368, -69.5145



104.8680, 23.7291, -4.2692

Complementary

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



103.1990, -21.7901, 35.7825



99.8010, 21.7901, -35.7825

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.



96.0590, 30.5369, -41.2707



103.1990, -21.7901, 35.7825



83.1570, 21.6146, -72.9287

Square

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



103.1990, -21.7901, 35.7825



94.5500, -11.1171, -27.6693



83.7900, 31.6555, -73.4838



106.9980, 13.3120, 23.6808

Rectangle

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



103.1990, -21.7901, 35.7825



100.0890, -25.1869, 5.1839



83.7900, 31.6555, -73.4838



102.7850, 26.2350, -14.7204

Sweetspot

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



103.1990, -21.7901, 35.7825



169.9110, -8.3371, 14.1101



90.5710, 11.0575, 46.8572



84.0890, -4.9739, 8.6919



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



103.1990, -21.7901, 35.7825



122.8180, -33.9273, 55.4106



127.8530, -33.9445, 14.1609



67.8540, -1.9000, 2.7590



70.3020, -34.6589, 56.7401



4.1530, -2.0474, 3.3738

Inverse Universe

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



99.8010, 21.7901, -35.7825



117.1820, 33.9273, -55.4106



75.1470, 33.9445, -14.1609



67.7330, 1.6106, -3.2738



64.6980, 34.6589, -56.7401



3.8470, 2.0474, -3.3738

Previews

White Background



This preview shows how the YUV color 103.1990, -21.7901, 35.7825 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 103.1990, -21.7901, 35.7825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

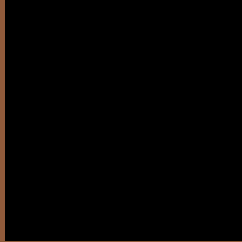
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1990, -21.7901, 35.7825

Background



This preview shows how black text looks on a background with the YUV color 103.1990, -21.7901, 35.7825.



This preview shows how white text looks on a background with the YUV color 103.1990, -21.7901,

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

103.1990, -21.7901, 35.7825

Protanopia

102.4300, -18.9460, 10.1469

Deuteranopia

102.5840, -22.4729, 21.4128



Tritanopia

105.3250, -6.0762, 35.6720

Trichromacy



Original Color

103.1990, -21.7901, 35.7825

Protanomaly

102.5560, -19.9941, 19.6834

Deuteranomaly

102.7310, -22.0524, 26.5459

Tritanomaly

104.2450, -11.4598, 35.7421

Monochromacy



Original Color

103.1990, -21.7901, 35.7825

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.3130, -8.0423, 12.8805

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1990, -21.7901, 35.7825 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(144, 91, 59)` looks like.

```
.text, #text, p{  
    color:rgb(144, 91, 59)  
}
```

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(144, 91, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 91, 59) }
```

Border

The CSS property to change the border of an element to YUV 103.1990, -21.7901, 35.7825 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(144, 91, 59) }
```


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

```
.border{ border-color:rgb(144, 91, 59) }
```

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

Here you see how a box with a 4 pixel rgb(144, 91, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 91, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 91, 59);  
box-shadow:4px 4px 4px 4px rgb(144, 91,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 103.1990, -21.7901, 35.7825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 91, 59) }
```

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

```
.background{ background-color: rgb(144, 91,  
59) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor