

Converting Colors

YUV(101.2310, -7.0159,
10.3214)

Have a look what the booklet for
YUV(101.2310, -7.0159, 10.3214)
contains.

YUV(101.2310, -7.0159, 10.3214)	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(101.2310, -7.0159,
10.3214)**

Conversions

Conversions Part 1

Format	Color
Hex	716257
RGB	113, 98, 87
RGB Percent	44%, 38%, 34%
CMY	0.5569, 0.6157, 0.6588
CMYK	0.00, 0.13, 0.23, 0.56
HSL	25°, 13%, 39%
HSV	25°, 23%, 44%
XYZ	12.8980, 12.9342, 10.8336
YIQ	101.2310, 12.4710, -0.2410

Conversions

Conversions Part 2

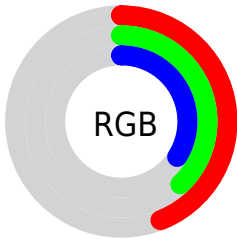
Format	Color
R_{YB}	113, 106, 87
Decimal	7430743
CIE Lab	42.66, 4.08, 8.47
CIE LCh	43, 9.400, 64.286
Yxy	12.9342, 0.3518, 0.3528
Android (android.graphics.Color)	4285620823 (0xFF716257)
YUV	101.2310, -7.0159, 10.3214
Hunter-Lab	35.9641, 1.0793, 7.3148

Details

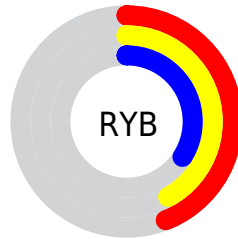
The YUV color **101.2310, -7.0159, 10.3214** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.7690, 7.0159, -10.3214**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.4160, -7.6001, 11.0362**, and **54.7470, -6.2843, 8.9919** is the 20% darker color. If you saturate the color by 10%, you get **95.8680, -9.7949, 15.0248**, and if you desaturate by 10%, it is **106.5940, -4.2368, 5.6181**.

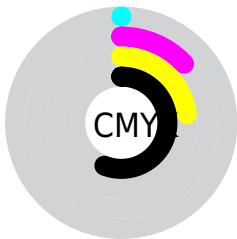
Distribution



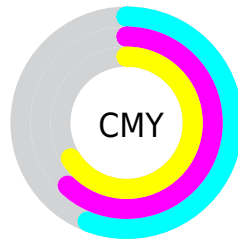
- Red (44%)
- Green (38%)
- Blue (34%)



- Red (44%)
- Yellow (42%)
- Blue (34%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (56%)



- Cyan (56%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.2310, -7.0159, 10.3214 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 101.2310, -7.0159, 10.3214 by changing the saturation by 10% instead.

■ 101.2310, -7.0159,
10.3214

■ 101.2310, -7.0159,
10.3214

■ 255.0000, 0.0000,
0.0000

■ 77.0460, -6.4317,
9.6067

■ 152.4160, -7.6001,
11.0362

■ 54.7470, -6.2843,
8.9919

■ 178.7150, -7.7475,
11.6509

■ 33.1490, -5.9895,
7.7623

■ 206.6010, -8.1843,
11.7509

■ 10.1000, -4.9793,
10.4363

■ 234.9000, -8.3317,
12.3657

■ 0.0000, 0.0000,
0.0000

■ 253.9740, -3.9312,
0.8998

■ 101.2310, -7.0159,
10.3214

■ 101.2310, -7.0159,
10.3214

■ 95.8680, -9.7949,
15.0248

■ 106.5940, -4.2368,
5.6181

■ 90.9780, -13.3002,
19.3133

■ 111.4840, -0.7316,
1.3295

■ 85.6150, -16.0792,
24.0166

■ 116.8470, 2.0474,
-3.3738

■ 80.8390, -19.1476,
28.2052

■ 121.6230, 5.1159,
-7.5624

■ 75.3620, -22.3635,
33.0085

■ 127.1000, 8.3317,
-12.3657

■ 70.5860, -25.4319,
37.1971

■ 131.8760, 11.4001,
-16.5543

■ 65.2230, -28.2109,
41.9004

■ 137.2390, 14.1792,
-21.2576

■ 61.9630, -30.5478,

■ 142.0150, 17.2476,

44.7594

-25.4462

■ 147.4920, 20.4634,
-30.2495

Harmonies

Analogous

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



101.8230, -4.8427, 13.3102



101.2310, -7.0159, 10.3214



100.6710, -7.7258, 4.6735

Triad

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



101.2310, -7.0159, 10.3214



97.7810, 2.0800, -13.8399



101.6180, 6.1043, 2.0890

Complementary

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



101.2310, -7.0159, 10.3214



98.7690, 7.0159, -10.3214

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.



100.6170, 7.5838, -5.8031



101.2310, -7.0159, 10.3214



98.2800, 5.2850, -15.1546

Square

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



101.2310, -7.0159, 10.3214



98.9620, -2.4463, -8.7367



98.8720, 7.4581, -12.1657



102.1520, 2.8831, 8.6367

Rectangle

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



101.2310, -7.0159, 10.3214



99.6920, -6.2572, 0.2701



98.8720, 7.4581, -12.1657



101.1230, 6.8414, -0.9849

Sweetspot

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



101.2310, -7.0159, 10.3214



143.3380, -2.6316, 4.0886



96.4840, 2.7194, 14.4845



71.5550, -1.7526, 2.1443



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



101.2310, -7.0159, 10.3214



129.1240, -11.4001, 16.5543



108.8620, -10.7780, 3.6290



53.5550, -1.7526, 2.1443



65.8170, -32.4478, 47.5185



135.4880, -66.7956, 97.7960

Inverse Universe

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



98.7690, 7.0159, -10.3214



124.8760, 11.4001, -16.5543



91.1380, 10.7780, -3.6290



53.0320, 1.4632, -2.6591



54.1830, 32.4478, -47.5185



112.0990, 66.5062, -98.3108

Previews

White Background



This preview shows how the YUV color 101.2310, -7.0159, 10.3214 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 101.2310, -7.0159, 10.3214 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 101.2310, -7.0159, 10.3214

Background



This preview shows how black text looks on a background with the YUV color 101.2310, -7.0159, 10.3214.



This preview shows how white text looks on a background with the YUV color 101.2310, -7.0159,

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

101.2310, -7.0159, 10.3214

Protanopia

101.0130, -6.4154, 4.3736

Deuteranopia

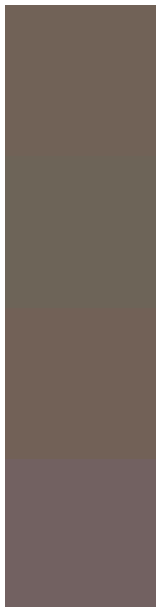
101.2420, -7.0213, 12.0658



Tritanopia

102.4790, 0.2569, 10.9809

Trichromacy



Original Color

101.2310, -7.0159, 10.3214

Protanomaly

101.3230, -6.5682, 6.7327

Deuteranomaly

100.9430, -6.8739, 11.4510

Tritanomaly

102.0830, -2.5059, 10.4512

Monochromacy



Original Color

101.2310, -7.0159, 10.3214

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0390, -2.4842, 3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.2310, -7.0159, 10.3214 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(113, 98, 87)` looks like.

```
.text, #text, p{  
    color:rgb(113, 98, 87)  
}
```

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(113, 98, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 98, 87) }
```

Border

The CSS property to change the border of an element to YUV 101.2310, -7.0159, 10.3214 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(113, 98, 87) }
```


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

```
.border{ border-color:rgb(113, 98, 87) }
```

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

Here you see how a box with a 4 pixel rgb(113, 98, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 98, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 98, 87);  
box-shadow:4px 4px 4px 4px rgb(113, 98,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 101.2310, -7.0159, 10.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 98, 87) }
```

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

```
.background{ background-color: rgb(113, 98,  
87) }
```

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