

Converting Colors

YUV(90.9010, 10.4018, 23.7658)

Have a look what the booklet for
YUV(90.9010, 10.4018, 23.7658)
contains.

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Color

**YUV(90.9010, 10.4018,
23.7658)**

Conversions

Conversions Part 1

Format	Color
Hex	764970
RGB	118, 73, 112
RGB Percent	46%, 29%, 44%
CMY	0.5373, 0.7137, 0.5608
CMYK	0.00, 0.38, 0.05, 0.54
HSL	308°, 24%, 37%
HSV	308°, 38%, 46%
XYZ	12.7784, 9.7865, 16.5447
YIQ	90.9010, 14.3010, 21.6690

Conversions

Conversions Part 2

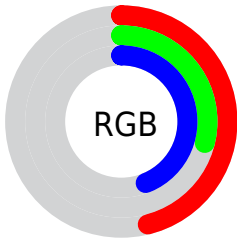
Format	Color
R_{YB}	118, 73, 112
Decimal	7752048
CIE _{Lab}	37.46, 25.73, -14.56
CIE _{LCh}	37, 29.560, 330.496
Yxy	9.7865, 0.3267, 0.2502
Android (android.graphics.Color)	4285942128 (0xFF764970)
YUV	90.9010, 10.4018, 23.7658
Hunter-Lab	31.2834, 18.1664, -9.4581

Details

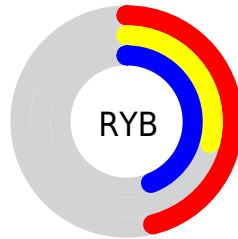
The YUV color **90.9010, 10.4018, 23.7658** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.0990, -10.4018, -23.7658**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0260, 10.8332, 25.4102**, and **43.4770, 10.1178, 21.5067** is the 20% darker color. If you saturate the color by 10%, you get **83.6290, 13.0009, 30.1434**, and if you desaturate by 10%, it is **98.1730, 7.8027, 17.3883**.

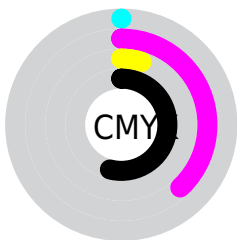
Distribution



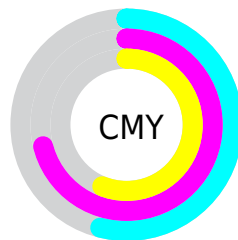
- Red (46%)
- Green (29%)
- Blue (44%)



- Red (46%)
- Yellow (29%)
- Blue (44%)



- Cyan (0%)
- Magenta (38%)
- Yellow (5%)
- Black (54%)



- Cyan (54%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.9010, 10.4018, 23.7658 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 90.9010, 10.4018, 23.7658 by changing the saturation by 10% instead.

90.9010, 10.4018,
23.7658

90.9010, 10.4018,
23.7658

255.0000, 0.0000,
0.0000

67.1890, 10.2598,
22.6362

142.0260, 10.8332,
25.4102

43.4770, 10.1178,
21.5067

168.7380, 10.9752,
26.5398

21.1780, 10.2652,
20.8919

196.1510, 11.2646,
27.0546

8.9720, 5.9298,
11.4256

223.5640, 11.5539,
27.5694

0.0000, 0.0000,
0.0000

240.9120, 6.9454,
12.3552

■ 90.9010, 10.4018,
23.7658

■ 90.9010, 10.4018,
23.7658

■ 83.6290, 13.0009,
30.1434

■ 98.1730, 7.8027,
17.3883

■ 76.4710, 16.0368,
36.4209

■ 105.3310, 4.7668,
11.1107

■ 69.7860, 18.3465,
42.2837

■ 112.0160, 2.4571,
5.2480

■ 62.6280, 21.3824,
48.5612

■ 119.1740, -0.5788,
-1.0296

■ 55.3560, 23.9815,
54.9388

■ 126.4460, -3.1779,
-7.4071

■ 48.1980, 27.0174,
61.2164


■ 133.6040, -6.2138,
-13.6847

■ 46.9100, 27.1594,
62.3459

■ 140.8760, -8.8129,
-20.0623

■ 147.5610,

-11.1226, -25.9250

 154.7190,
-14.1585, -32.2026

Harmonies

Analogous

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



89.7500, 19.3502, 0.2193



90.9010, 10.4018, 23.7658



89.5300, -0.2613, 37.2462

Triad

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



90.9010, 10.4018, 23.7658



86.0130, -23.1774, 14.0206



71.4680, 19.9823, -62.6774

Complementary

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



90.9010, 10.4018, 23.7658



100.0990, -10.4018, -23.7658

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.



68.7320, 9.4991, -60.2780



90.9010, 10.4018, 23.7658



83.7440, -18.6078, -5.0375

Square

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



90.9010, 10.4018, 23.7658



87.3230, -19.8792, 29.5347



79.1740, -7.4808, -27.3396



71.6450, 28.2760, -62.8327

Rectangle

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



90.9010, 10.4018, 23.7658



88.5920, -7.6869, 38.9458



79.1740, -7.4808, -27.3396



70.5560, 16.4879, -61.8776

Sweetspot

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



90.9010, 10.4018, 23.7658



142.7930, 4.0461, 8.9515



79.9240, 18.7715, -0.8103



70.9020, 2.0203, 5.3479



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



90.9010, 10.4018, 23.7658



110.8840, 16.3262, 36.9357



88.3930, 0.7923, 25.9653



55.3640, 1.2995, 3.1888



48.5620, 28.3169, 64.4051



99.4880, 57.9334, 131.9990

Inverse Universe

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



90.9010, 10.4018, 23.7658



110.8840, 16.3262, 36.9357



102.6070, -0.7923, -25.9653



55.3640, 1.2995, 3.1888



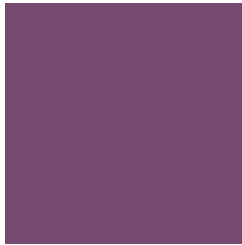
48.5620, 28.3169, 64.4051



99.4880, 57.9334, 131.9990

Previews

White Background



This preview shows how the YUV color 90.9010, 10.4018, 23.7658 looks on a white background.

Color Contrast Check

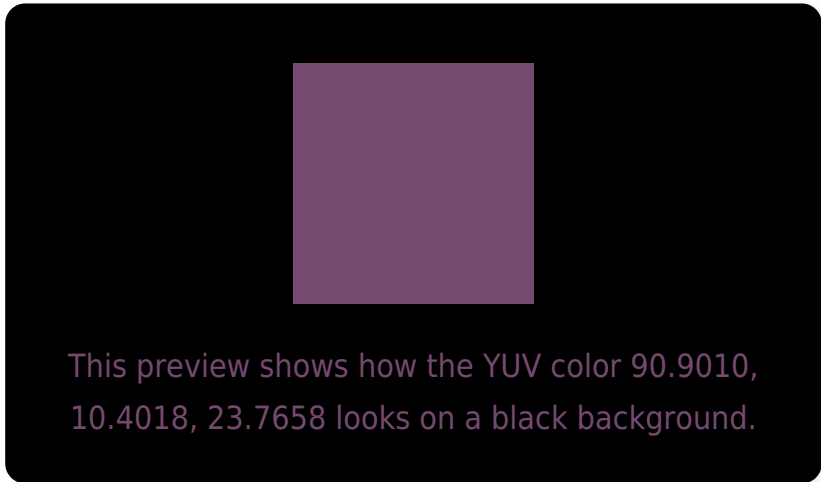
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

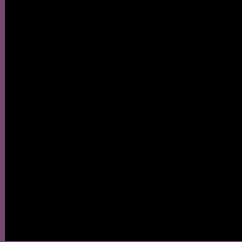
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.9010, 10.4018, 23.7658

Background



This preview shows how black text looks on a background with the YUV color 90.9010, 10.4018, 23.7658.



This preview shows how white text looks on a background with the YUV color 90.9010, 10.4018,

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

90.9010, 10.4018, 23.7658

Protanopia

88.4130, 17.0514, -9.1322

Deuteranopia

89.3230, 10.1938, -2.9143



Tritanopia

90.4480, -2.6859, 21.5321

Trichromacy



Original Color

90.9010, 10.4018, 23.7658

Protanomaly

89.5070, 14.5400, 3.0634

Deuteranomaly

90.0900, 10.3086, 6.9371

Tritanomaly

90.7130, 2.1135, 22.1767

Monochromacy



Original Color

90.9010, 10.4018, 23.7658

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.7930, 4.0461, 8.9515

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9010, 10.4018, 23.7658 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(118, 73, 112)` looks like.

```
.text, #text, p{  
    color:rgb(118, 73, 112)  
}
```

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(118, 73, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 73, 112) }
```

Border

The CSS property to change the border of an element to YUV 90.9010, 10.4018, 23.7658 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(118, 73, 112) }
```


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

```
.border{ border-color:rgb(118, 73, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 73, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 73, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 73, 112);  
box-shadow:4px 4px 4px 4px rgb(118, 73,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 90.9010, 10.4018, 23.7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 73, 112) }
```

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

```
.background{ background-color: rgb(118, 73,  
112) }
```

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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