

Converting Colors

YUV(94.2410, 18.1222, 20.8366)

Have a look what the booklet for
YUV(94.2410, 18.1222, 20.8366)
contains.

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Color

**YUV(94.2410, 18.1222,
20.8366)**

Conversions

Conversions Part 1

Format	Color
Hex	764B83
RGB	118, 75, 131
RGB Percent	46%, 29%, 51%
CMY	0.5373, 0.7059, 0.4863
CMYK	0.10, 0.43, 0.00, 0.49
HSL	286°, 27%, 40%
HSV	286°, 43%, 51%
XYZ	14.0840, 10.5224, 22.7614
YIQ	94.2410, 7.6520, 26.5320

Conversions

Conversions Part 2

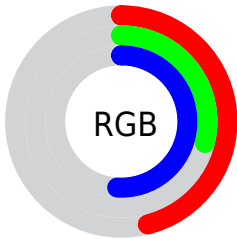
Format	Color
R_{YB}	118, 75, 131
Decimal	7752579
CIE _{Lab}	38.76, 28.53, -24.28
CIE _{LCh}	39, 37.464, 319.608
Yxy	10.5224, 0.2973, 0.2221
Android (android.graphics.Color)	4285942659 (0xFF764B83)
YUV	94.2410, 18.1222, 20.8366
Hunter-Lab	32.4382, 20.7341, -18.8962

Details

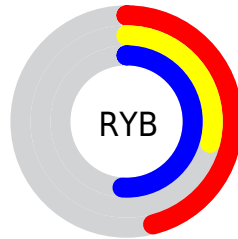
The YUV color **94.2410, 18.1222, 20.8366** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **111.7590, -18.1222, -20.8366**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4800, 18.9904, 22.3810**, and **46.5890, 16.9646, 18.7774** is the 20% darker color. If you saturate the color by 10%, you get **85.7130, 22.3265, 25.6847**, and if you desaturate by 10%, it is **102.7690, 13.9179, 15.9886**.

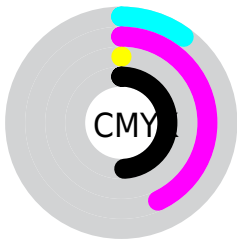
Distribution



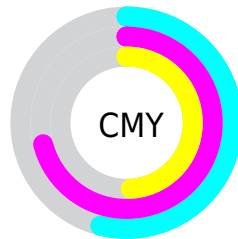
- Red (46%)
- Green (29%)
- Blue (51%)



- Red (46%)
- Yellow (29%)
- Blue (51%)



- Cyan (10%)
- Magenta (43%)
- Yellow (0%)
- Black (49%)



- Cyan (54%)
- Magenta (71%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.2410, 18.1222, 20.8366 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 94.2410, 18.1222, 20.8366 by changing the saturation by 10% instead.

94.2410, 18.1222,
20.8366

94.2410, 18.1222,
20.8366

255.0000, 0.0000,
0.0000

69.8280, 17.8328,
20.3218

145.4800, 18.9904,
22.3810

46.5890, 16.9646,
18.7774

172.3060, 19.5691,
23.4106

23.2900, 17.1120,
18.1627

199.7190, 19.8585,
23.9254

11.5790, 12.0396,
11.7702

226.2370, 14.1802,
25.2252

1.3680, 5.2416,
-1.1997

242.6730, 6.0772,
10.8108

0.0000, 0.0000,
0.0000

94.2410, 18.1222,
20.8366

94.2410, 18.1222,
20.8366

85.7130, 22.3265,
25.6847

102.7690, 13.9179,
15.9886

77.1850, 26.5308,
30.5328

111.2970, 9.7136,
11.1405

68.6570, 30.7351,
35.3808

119.8250, 5.5093,
6.2925

60.1290, 34.9394,
40.2289

128.3530, 1.3050,
1.4444

51.0140, 39.4331,
45.5917

136.8810, -2.8993,
-3.4036


45.1330, 42.3324,
48.9954

145.9960, -7.3930,
-8.7665

154.5240,
-11.5973, -13.6145

163.0520,

-15.8016, -18.4626

 171.5800,
-20.0059, -23.3107

Harmonies

Analogous

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



90.7680, 28.7084, -14.7055



94.2410, 18.1222, 20.8366



92.3550, 5.2480, 43.5387

Triad

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



94.2410, 18.1222, 20.8366



88.7710, -29.4671, 24.7568



74.8760, 17.8091, -65.6663

Complementary

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



94.2410, 18.1222, 20.8366



111.7590, -18.1222, -20.8366

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.



71.2280, 3.8316, -62.4670



94.2410, 18.1222, 20.8366



86.3830, -27.7968, 2.2951

Square

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



94.2410, 18.1222, 20.8366



89.9440, -21.6644, 42.1451



81.4210, -15.4906, -24.9252



76.6660, 29.7447, -67.2361

Rectangle

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



94.2410, 18.1222, 20.8366



90.9830, -3.9356, 49.1269



81.4210, -15.4906, -24.9252



73.6220, 13.0044, -64.5665

Sweetspot

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



94.2410, 18.1222, 20.8366



156.5910, 7.1036, 8.2517



89.0150, 20.6986, -12.2912



77.5860, 4.6411, 4.7481



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



94.2410, 18.1222, 20.8366



113.9510, 28.1252, 32.4920



96.4180, 9.6539, 30.3284



62.1790, 1.8838, 2.4740



44.7200, 42.0430, 48.4806



0.9400, 1.0156, 0.9296

Inverse Universe

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



93.2260, -2.5764, 33.1278



112.2930, -4.0884, 51.4860



109.5820, -9.6539, -30.3284



61.9080, -0.4476, 3.5887



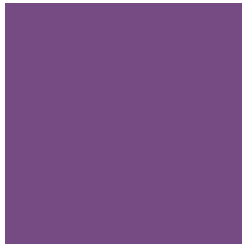
42.2900, -6.0590, 76.9217



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 94.2410, 18.1222, 20.8366 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 94.2410, 18.1222, 20.8366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

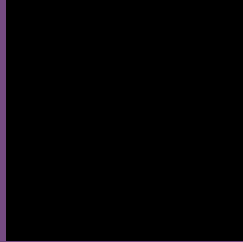
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.2410, 18.1222, 20.8366

Background



This preview shows how black text looks on a background with the YUV color 94.2410, 18.1222, 20.8366.



This preview shows how white text looks on a background with the YUV color 94.2410, 18.1222,

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

94.2410, 18.1222, 20.8366

Protanopia

90.6600, 25.8036, -16.3648

Deuteranopia

91.6300, 17.9304, -11.0765



Tritanopia

93.0560, -1.5066, 16.6139

Trichromacy



Original Color

94.2410, 18.1222, 20.8366

Protanomaly

92.3520, 22.9975, -2.9397

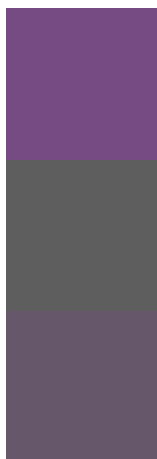
Deuteranomaly

92.4080, 18.0399, 0.5192

Tritanomaly

93.6030, 5.6187, 17.8882

Monochromacy



Original Color

94.2410, 18.1222, 20.8366

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0640, 6.3774, 7.8369

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.2410, 18.1222, 20.8366 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, 75, 131)` looks like.

```
.text, #text, p{  
    color:rgb(118, 75, 131)  
}
```

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, 75, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 75, 131) }
```

Border

The CSS property to change the border of an element to YUV 94.2410, 18.1222, 20.8366 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, 75, 131) }
```


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

```
.border{ border-color:rgb(118, 75, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 75, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 75, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 75, 131);  
box-shadow:4px 4px 4px 4px rgb(118, 75,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 94.2410, 18.1222, 20.8366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 75, 131) }
```

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

```
.background{ background-color: rgb(118, 75,  
131) }
```

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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