

Converting Colors

YUV(91.9090, 18.2859, 14.9888)

Have a look what the booklet for
YUV(91.9090, 18.2859, 14.9888)
contains.

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Color

**YUV(91.9090, 18.2859,
14.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4C81
RGB	109, 76, 129
RGB Percent	43%, 30%, 51%
CMY	0.5725, 0.7020, 0.4941
CMYK	0.16, 0.41, 0.00, 0.49
HSL	277°, 26%, 40%
HSV	277°, 41%, 51%
XYZ	12.8536, 10.0051, 22.0226
YIQ	91.9090, 2.6550, 23.4790

Conversions

Conversions Part 2

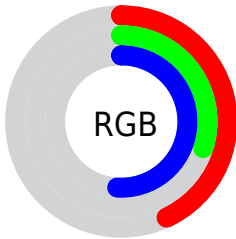
Format	Color
R_{YB}	109, 76, 129
Decimal	7163009
CIE _{Lab}	37.85, 24.53, -24.55
CIE _{LCh}	38, 34.703, 314.969
Yxy	10.0051, 0.2864, 0.2229
Android (android.graphics.Color)	4285353089 (0xFF6D4C81)
YUV	91.9090, 18.2859, 14.9888
Hunter-Lab	31.6308, 17.1818, -19.1385

Details

The YUV color **91.9090, 18.2859, 14.9888** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **113.0910, -18.2859, -14.9888**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.8490, 19.3014, 15.9184**, and **45.1430, 16.6915, 13.0296** is the 20% darker color. If you saturate the color by 10%, you get **82.7830, 22.7850, 18.6073**, and if you desaturate by 10%, it is **101.0350, 13.7867, 11.3703**.

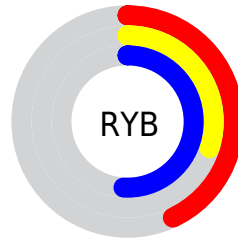
Distribution



Red (43%)

Green (30%)

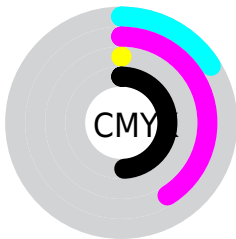
Blue (51%)



Red (43%)

Yellow (30%)

Blue (51%)

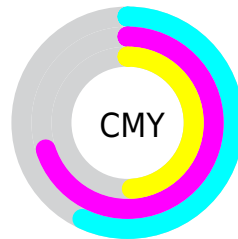


Cyan (16%)

Magenta (41%)

Yellow (0%)

Black (49%)



Cyan (57%)

Magenta (70%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.9090, 18.2859, 14.9888 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 91.9090, 18.2859, 14.9888 by changing the saturation by 10% instead.

■ 91.9090, 18.2859,
14.9888

■ 91.9090, 18.2859,
14.9888

■ 255.0000, 0.0000,
0.0000

■ 68.0830, 17.7071,
13.9592

■ 142.8490, 19.3014,
15.9184

■ 45.1430, 16.6915,
13.0296

■ 169.6750, 19.8802,
16.9480

■ 22.7300, 16.4021,
12.5148

■ 197.0880, 20.1696,
17.4628

■ 8.1760, 13.2242,
5.1076

■ 223.5460, 15.5068,
19.6922

■ 1.0260, 3.9312,
-0.8998

■ 242.6730, 6.0772,
10.8108

■ 0.0000, 0.0000,
0.0000

91.9090, 18.2859,
14.9888

91.9090, 18.2859,
14.9888

82.7830, 22.7850,
18.6073

101.0350, 13.7867,
11.3703

73.6570, 27.2841,
22.2258

110.1610, 9.2876,
7.7518

64.5310, 31.7832,
25.8443

119.2870, 4.7885,
4.1333

55.7040, 36.1349,
30.0776

128.1140, 0.4368,
-0.1000

46.5780, 40.6340,
33.6961

136.6530, -3.7729,
-3.2037


38.6260, 44.5544,
36.2850

145.7790, -8.2720,
-6.8222

154.9050,
-12.7712, -10.4407

164.0310,

-17.2703, -14.0592

 173.1570,
-21.7694, -17.6777

Harmonies

Analogous

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



87.1050, 27.5562, -18.5091



91.9090, 18.2859, 14.9888



90.9520, 6.4327, 36.8761

Triad

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



91.9090, 18.2859, 14.9888



87.4660, -26.8517, 25.9013



72.2030, 15.1829, -63.3220

Complementary

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



91.9090, 18.2859, 14.9888



113.0910, -18.2859, -14.9888

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.



68.3100, 2.8052, -59.9079



91.9090, 18.2859, 14.9888



85.1600, -26.2079, 5.9987

Square

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



91.9090, 18.2859, 14.9888



88.4430, -18.4594, 40.8305



81.5250, -16.5278, -18.8774



73.8790, 26.6817, -64.7919

Rectangle

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



91.9090, 18.2859, 14.9888



89.4170, -2.1776, 45.2383



81.5250, -16.5278, -18.8774



71.0630, 10.8149, -62.3223

Sweetspot

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



91.9090, 18.2859, 14.9888



154.1670, 6.8197, 5.9925



93.7820, 17.3625, -15.5948



75.7600, 4.0623, 3.7185



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



91.9090, 18.2859, 14.9888



110.5970, 28.2997, 23.1554



97.2050, 12.7169, 27.8842



58.9940, 2.4680, 1.7593



38.2130, 44.2650, 35.7702



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.1270, 0.9234, 30.5836



114.0520, 1.4534, 47.3124



107.7950, -12.7169, -27.8842



59.4350, 0.2785, 4.0035



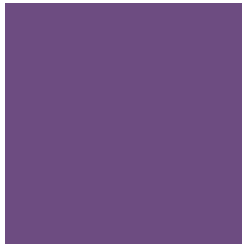
43.7440, 2.0982, 73.8925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 91.9090, 18.2859, 14.9888 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



This preview shows how the YUV color 91.9090, 18.2859, 14.9888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

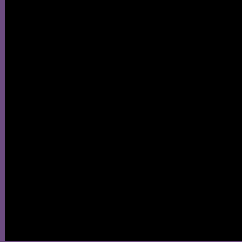
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.9090, 18.2859, 14.9888

Background



This preview shows how black text looks on a background with the YUV color 91.9090, 18.2859, 14.9888.



This preview shows how white text looks on a background with the YUV color 91.9090, 18.2859,

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

91.9090, 18.2859, 14.9888

Protanopia

88.7310, 24.7826, -15.5501

Deuteranopia

88.8580, 18.8040, -11.2765



Tritanopia

90.4790, 0.2569, 10.9809

Trichromacy



Original Color

91.9090, 18.2859, 14.9888

Protanomaly

90.1130, 22.1293, -4.4841

Deuteranomaly

90.2120, 18.6295, -1.9399

Tritanomaly

90.9120, 6.9454, 12.3552

Monochromacy



Original Color

91.9090, 18.2859, 14.9888

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7540, 6.5303, 5.4777

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.9090, 18.2859, 14.9888 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(109, 76, 129)` looks like.

```
.text, #text, p{  
    color:rgb(109, 76, 129)  
}
```

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(109, 76, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 76, 129) }
```

Border

The CSS property to change the border of an element to YUV 91.9090, 18.2859, 14.9888 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(109, 76, 129) }
```


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

```
.border{ border-color:rgb(109, 76, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 76, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 76, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 76, 129); box-shadow:4px 4px 4px 4px rgb(109, 76, 129) }
```

Background

The CSS property to change the background color of an element to YUV 91.9090, 18.2859, 14.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 76, 129) }
```

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

```
.background{ background-color: rgb(109, 76,  
129) }
```

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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