

Converting Colors

YUV(90.0490, 19.2028, 0.8340)

Have a look what the booklet for
YUV(90.0490, 19.2028, 0.8340)
contains.

YUV(90.0490, 19.2028, 0.8340)	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(90.0490, 19.2028,
0.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5281
RGB	91, 82, 129
RGB Percent	36%, 32%, 51%
CMY	0.6431, 0.6784, 0.4941
CMYK	0.29, 0.36, 0.00, 0.49
HSL	251°, 22%, 41%
HSV	251°, 36%, 51%
XYZ	11.2941, 9.8437, 22.0736
YIQ	90.0490, -9.7230, 16.5250

Conversions

Conversions Part 2

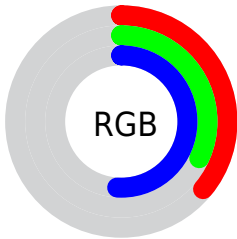
Format	Color
R_{YB}	91, 82, 129
Decimal	5984897
CIE _{Lab}	37.56, 14.95, -25.14
CIE _{LCh}	38, 29.254, 300.735
Yxy	9.8437, 0.2614, 0.2278
Android (android.graphics.Color)	4284174977 (0xFF5B5281)
YUV	90.0490, 19.2028, 0.8340
Hunter-Lab	31.3747, 9.3499, -19.7512

Details

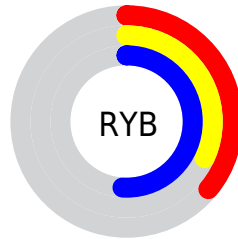
The YUV color **90.0490, 19.2028, 0.8340** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **120.9510, -19.2028, -0.8340**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.1030, 20.6552, 1.6637**, and **43.5820, 17.4611, -0.5104** is the 20% darker color. If you saturate the color by 10%, you get **79.4280, 24.4390, 1.3786**, and if you desaturate by 10%, it is **100.6700, 13.9667, 0.2894**.

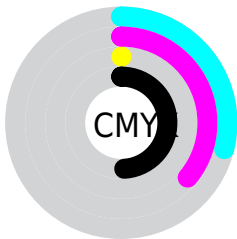
Distribution



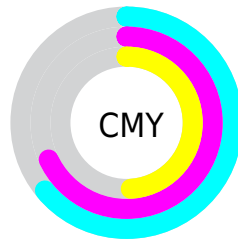
- Red (36%)
- Green (32%)
- Blue (51%)



- Red (36%)
- Yellow (32%)
- Blue (51%)



- Cyan (29%)
- Magenta (36%)
- Yellow (0%)
- Black (49%)



- Cyan (64%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0490, 19.2028, 0.8340 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 90.0490, 19.2028, 0.8340 by changing the saturation by 10% instead.

■ 90.0490, 19.2028,
0.8340

■ 90.0490, 19.2028,
0.8340

■ 255.0000, 0.0000,
0.0000

■ 66.5220, 18.4767,
0.4192

■ 140.1030, 20.6552,
1.6637

■ 43.5820, 17.4611,
-0.5104

■ 167.2170, 21.0920,
1.5637

■ 22.3430, 16.5929,
-2.0548

■ 194.0430, 21.6708,
2.5933

■ 3.9900, 15.2879,
-3.4992

■ 220.7890, 16.8660,
3.6930

■ 1.0260, 3.9312,
-0.8998

■ 245.8960, 4.4883,
7.1072

■ 0.0000, 0.0000,
0.0000

■ 90.0490, 19.2028,
0.8340

■ 90.0490, 19.2028,
0.8340

■ 79.4280, 24.4390,
1.3786

■ 100.6700, 13.9667,
0.2894

■ 68.5080, 29.8226,
1.3085

■ 111.5900, 8.5831,
0.3596

■ 57.8870, 35.0587,
1.8531

■ 122.2110, 3.3470,
-0.1850

■ 46.9670, 40.4423,
1.7829

■ 133.1310, -2.0366,
-0.1149

■ 36.9330, 45.3890,
1.8128

■ 143.7520, -7.2727,
-0.6595

■ 26.0130, 50.7726,
1.7426


■ 154.0850,
-12.3669, -0.0745

■ 22.1810, 52.6618,
2.4723

■ 164.7060,
-17.6031, -0.6192

■ 175.3270,

-22.8392, -1.1638

 186.2470,
-28.2228, -1.0936

Harmonies

Analogous

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



83.7570, 25.2628, -29.6049



90.0490, 19.2028, 0.8340



90.9010, 10.4018, 23.7658

Triad

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



90.0490, 19.2028, 0.8340



88.0240, -19.7318, 28.9200



68.7320, 9.4991, -60.2780

Complementary

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



90.0490, 19.2028, 0.8340



120.9510, -19.2028, -0.8340

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.



79.7610, -7.7702, -27.8544



90.0490, 19.2028, 0.8340



86.1270, -22.7406, 13.9206

Square

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



90.0490, 19.2028, 0.8340



88.6690, -11.1758, 38.0013



83.7440, -18.6078, -5.0375



71.4680, 19.9823, -62.6774

Rectangle

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



90.0490, 19.2028, 0.8340



90.7190, 3.0965, 33.5724



83.7440, -18.6078, -5.0375



73.2020, 3.3514, -48.4122

Sweetspot

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



90.0490, 19.2028, 0.8340



152.9490, 7.4201, 0.0447



109.6640, 9.5326, -24.2613



74.8520, 4.5100, 0.1298



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.



90.0490, 19.2028, 0.8340



106.6220, 30.2594, 1.2085



96.9260, 15.8125, 14.9739



58.3960, 2.7628, 0.5297



21.7680, 52.3724, 1.9575



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.3850, 9.6702, 25.0954



122.9660, 15.2998, 39.4948



114.0740, -15.8125, -14.9739



59.7770, 1.5889, 3.7036



50.0140, 26.1221, 68.3937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 90.0490, 19.2028, 0.8340 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 90.0490, 19.2028, 0.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

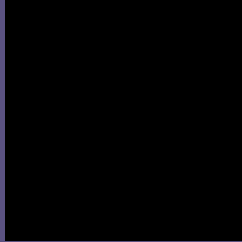
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0490, 19.2028, 0.8340

Background



This preview shows how black text looks on a background with the YUV color 90.0490, 19.2028, 0.8340.



This preview shows how white text looks on a background with the YUV color 90.0490, 19.2028,

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

90.0490, 19.2028, 0.8340

Protanopia

87.7590, 22.3038, -13.8206

Deuteranopia

88.0750, 19.6830, -13.2208



Tritanopia

88.3030, 3.7946, -3.7737

Trichromacy



Original Color

90.0490, 19.2028, 0.8340

Protanomaly

88.5640, 21.4139, -8.3876

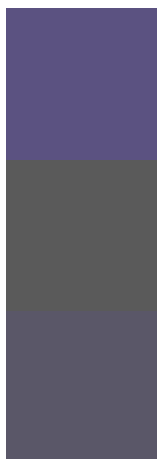
Deuteranomaly

88.9940, 19.2300, -7.8877

Tritanomaly

88.8070, 9.4621, -1.5847

Monochromacy



Original Color

90.0490, 19.2028, 0.8340

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8350, 6.9833, 0.1447

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0490, 19.2028, 0.8340 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(91, 82, 129)` looks like.

```
.text, #text, p{  
    color:rgb(91, 82, 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(91, 82, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 82, 129) }
```

Border

The CSS property to change the border of an element to YUV 90.0490, 19.2028, 0.8340 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(91, 82, 129) }
```


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

```
.border{ border-color:rgb(91, 82, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 82, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 82, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 82, 129);  
box-shadow:4px 4px 4px 4px rgb(91, 82,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 90.0490, 19.2028, 0.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 82, 129) }
```

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

```
.background{ background-color: rgb(91, 82,  
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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