

Converting Colors

YUV(97.2820, 19.0880, -9.0173)

Have a look what the booklet for
YUV(97.2820, 19.0880, -9.0173)
contains.

YUV(97.2820, 19.0880, -9.0173)	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(97.2820, 19.0880,
-9.0173)**

Conversions

Conversions Part 1

Format	Color
Hex	575F88
RGB	87, 95, 136
RGB Percent	34%, 37%, 53%
CMY	0.6588, 0.6275, 0.4667
CMYK	0.36, 0.30, 0.00, 0.47
HSL	230°, 22%, 44%
HSV	230°, 36%, 53%
XYZ	12.4666, 11.9882, 24.9494
YIQ	97.2820, -17.9290, 11.0550

Conversions

Conversions Part 2

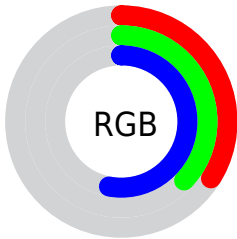
Format	Color
R_{YB}	87, 94, 136
Decimal	5726088
CIE Lab	41.20, 7.50, -23.77
CIE LCh	41, 24.925, 287.517
Yxy	11.9882, 0.2523, 0.2427
Android (android.graphics.Color)	4283916168 (0xFF575F88)
YUV	97.2820, 19.0880, -9.0173
Hunter-Lab	34.6240, 3.6781, -18.4865

Details

The YUV color **97.2820, 19.0880, -9.0173** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **125.7180, -19.0880, 9.0173**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9230, 20.2510, -8.7025**, and **49.9290, 17.7830, -10.4617** is the 20% darker color. If you saturate the color by 10%, you get **86.6390, 24.3350, -11.9614**, and if you desaturate by 10%, it is **107.9250, 13.8410, -6.0732**.

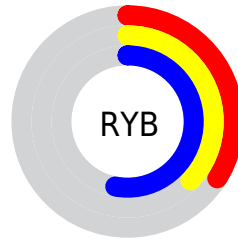
Distribution



Red (34%)

Green (37%)

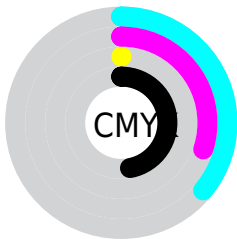
Blue (53%)



Red (34%)

Yellow (37%)

Blue (53%)

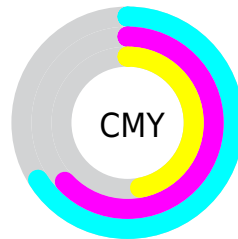


Cyan (36%)

Magenta (30%)

Yellow (0%)

Black (47%)



Cyan (66%)

Magenta (63%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2820, 19.0880, -9.0173 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 97.2820, 19.0880, -9.0173 by changing the saturation by 10% instead.

■ 97.2820, 19.0880,
-9.0173

■ 97.2820, 19.0880,
-9.0173

■ 255.0000, 0.0000,
0.0000

■ 72.8690, 18.7986,
-9.5321

■ 147.9230, 20.2510,
-8.7025

■ 49.9290, 17.7830,
-10.4617

■ 175.0370, 20.6878,
-8.8024

■ 27.5050, 17.4990,
-12.7209

■ 202.5640, 21.4139,
-8.3876

■ 5.2610, 17.6193,
-4.6139

■ 228.3980, 13.1148,
-6.4880

■ 2.7530, 8.0098,
-2.4144

■ 253.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 97.2820, 19.0880,
-9.0173

■ 97.2820, 19.0880,
-9.0173

■ 86.6390, 24.3350,
-11.9614

■ 107.9250, 13.8410,
-6.0732

■ 75.7080, 29.7240,
-13.7759

■ 118.8560, 8.4520,
-4.2587

■ 65.0650, 34.9710,
-16.7200

■ 129.4990, 3.2050,
-1.3146

■ 54.1340, 40.3599,
-18.5345

■ 140.4300, -2.1840,
0.4999

■ 43.4910, 45.6069,
-21.4786

■ 151.0730, -7.4310,
3.4440

■ 32.8480, 50.8539,
-24.4227

■ 161.7160,
-12.6780, 6.3881

■ 28.4180, 53.0379,
-24.9226

■ 172.6470,
-18.0670, 8.2026

■ 183.2900,

-23.3140, 11.1467

■ 193.6340,
-28.4136, 13.4760

Harmonies

Analogous

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



91.3390, 22.5109, -33.6233



97.2820, 19.0880, -9.0173



99.9920, 12.3289, 12.2850

Triad

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



97.2820, 19.0880, -9.0173



97.7020, -14.6431, 30.0793



88.0790, -0.0389, -34.2723

Complementary

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



97.2820, 19.0880, -9.0173



125.7180, -19.0880, 9.0173

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.



91.9260, -11.3025, -14.8441



97.2820, 19.0880, -9.0173



96.3710, -19.4099, 18.9686

Square

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



97.2820, 19.0880, -9.0173



98.9010, -6.3602, 33.4128



94.9130, -18.1981, 3.5843



81.8020, 13.4086, -54.2004

Rectangle

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



97.2820, 19.0880, -9.0173



100.1630, 6.3286, 23.5360



94.9130, -18.1981, 3.5843



89.3850, -4.1338, -27.5246

Sweetspot

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



97.2820, 19.0880, -9.0173



160.9270, 7.4310, -3.4440



120.4370, 3.7286, -29.3242



80.4280, 4.2260, -2.1294



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



97.2820, 19.0880, -9.0173



116.2950, 29.4346, -14.2907



97.3700, 19.0446, 4.9375



63.3850, 2.7682, -1.2146



28.0760, 51.7275, -24.6227



1.1570, 1.8946, -1.0147

Inverse Universe

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



102.5630, -3.7286, 29.3242



124.2060, -5.5246, 45.4233



125.6300, -19.0446, -4.9375



64.2070, -0.5951, 4.2035



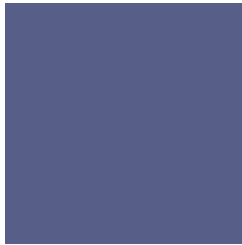
42.2750, -9.9956, 79.5658



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 97.2820, 19.0880, -9.0173 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 97.2820, 19.0880, -9.0173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

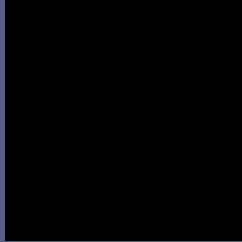
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.2820, 19.0880, -9.0173

Background



This preview shows how black text looks on a background with the YUV color 97.2820, 19.0880, -9.0173.



This preview shows how white text looks on a background with the YUV color 97.2820, 19.0880,

-9.0173.

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

97.2820, 19.0880, -9.0173

Protanopia

97.0860, 19.6776, -11.4764

Deuteranopia

96.9720, 19.2408, -11.3764



Tritanopia

95.2310, 6.2951, -12.4806

Trichromacy



Original Color

97.2820, 19.0880, -9.0173

Protanomaly

97.3850, 19.5302, -10.8616

Deuteranomaly

97.2710, 19.0934, -10.7617

Tritanomaly

95.7950, 10.9471, -11.2212

Monochromacy



Original Color

97.2820, 19.0880, -9.0173

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8130, 6.9942, -3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2820, 19.0880, -9.0173 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(87, 95, 136)` looks like.

```
.text, #text, p{  
    color:rgb(87, 95, 136)  
}
```

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(87, 95, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 95, 136) }
```

Border

The CSS property to change the border of an element to YUV 97.2820, 19.0880, -9.0173 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(87, 95, 136) }
```


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

```
.border{ border-color:rgb(87, 95, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 95, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 95, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 95, 136);  
box-shadow:4px 4px 4px 4px rgb(87, 95,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 97.2820, 19.0880, -9.0173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 95, 136) }
```

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

```
.background{ background-color: rgb(87, 95,  
136) }
```

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