

Converting Colors

YUV(88.3320, 20.0493, 9.3558)

Have a look what the booklet for
YUV(88.3320, 20.0493, 9.3558)
contains.

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Color

**YUV(88.3320, 20.0493,
9.3558)**

Conversions

Conversions Part 1

Format	Color
Hex	634B81
RGB	99, 75, 129
RGB Percent	39%, 29%, 51%
CMY	0.6118, 0.7059, 0.4941
CMYK	0.23, 0.42, 0.00, 0.49
HSL	267°, 26%, 40%
HSV	267°, 42%, 51%
XYZ	11.6241, 9.2698, 21.9455
YIQ	88.3320, -3.0300, 21.8820

Conversions

Conversions Part 2

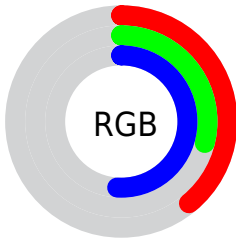
Format	Color
RYB	99, 75, 129
Decimal	6507393
CIELab	36.50, 21.90, -26.75
CIELCh	36, 34.569, 309.308
Yxy	9.2698, 0.2713, 0.2164
Android (android.graphics.Color)	4284697473 (0xFF634B81)
YUV	88.3320, 20.0493, 9.3558
Hunter-Lab	30.4463, 14.8686, -21.4233

Details

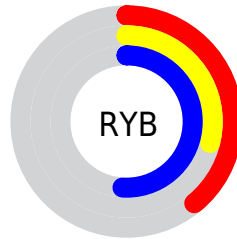
The YUV color **88.3320, 20.0493, 9.3558** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **115.6680, -20.0493, -9.3558**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6850, 21.3543, 10.8003**, and **41.5660, 18.4550, 7.3966** is the 20% darker color. If you saturate the color by 10%, you get **78.6080, 24.8433, 11.7448**, and if you desaturate by 10%, it is **98.0560, 15.2554, 6.9669**.

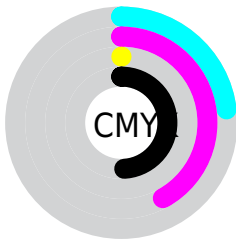
Distribution



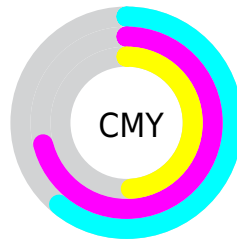
- Red (39%)
- Green (29%)
- Blue (51%)



- Red (39%)
- Yellow (29%)
- Blue (51%)



- Cyan (23%)
- Magenta (42%)
- Yellow (0%)
- Black (49%)



- Cyan (61%)
- Magenta (71%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3320, 20.0493, 9.3558 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 88.3320, 20.0493, 9.3558 by changing the saturation by 10% instead.

■ 88.3320, 20.0493,
9.3558

■ 88.3320, 20.0493,
9.3558

■ 255.0000, 0.0000,
0.0000

■ 64.5060, 19.4705,
8.3262

■ 138.6850, 21.3543,
10.8003

■ 41.5660, 18.4550,
7.3966

■ 165.2120, 22.0805,
11.2151

■ 19.7400, 17.8762,
6.3670

■ 192.6250, 22.3699,
11.7299

■ 3.8760, 14.8511,
-3.3993

■ 218.7840, 17.8545,
13.3444

■ 0.9120, 3.4944,
-0.7998

■ 242.0860, 6.3666,
11.3256

■ 0.0000, 0.0000,
0.0000

■ 88.3320, 20.0493,
9.3558

■ 88.3320, 20.0493,
9.3558

■ 78.6080, 24.8433,
11.7448

■ 98.0560, 15.2554,
6.9669

■ 68.8840, 29.6372,
14.1337

■ 107.7800, 10.4615,
4.5779

■ 59.1600, 34.4311,
16.5227

■ 117.8030, 5.5201,
2.8038

■ 49.1370, 39.3725,
18.2969

■ 127.5270, 0.7262,
0.4148

■ 39.4130, 44.1664,
20.6858

■ 137.2510, -4.0677,
-1.9741


■ 31.7490, 47.9447,
22.1451

■ 146.3880, -8.5723,
-3.8483

■ 156.1120,
-13.3662, -6.2372

■ 165.8360,

-18.1601, -8.6262

 175.5600,
-22.9541, -11.0151

Harmonies

Analogous

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



81.8050, 29.1831, -27.0160



88.3320, 20.0493, 9.3558



87.9130, 8.9169, 33.4023

Triad

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



88.3320, 20.0493, 9.3558



83.9440, -25.1154, 28.9901



69.4160, 12.1199, -60.8778

Complementary

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



88.3320, 20.0493, 9.3558



115.6680, -20.0493, -9.3558

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.



69.4210, -2.1796, -47.7272



88.3320, 20.0493, 9.3558



82.0680, -26.6555, 9.5874

Square

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



88.3320, 20.0493, 9.3558



85.0240, -16.2808, 42.0750



78.6890, -18.5807, -13.7593



71.2060, 24.0554, -62.4477

Rectangle

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



88.3320, 20.0493, 9.3558



86.2040, 0.8854, 42.7941



78.6890, -18.5807, -13.7593



67.6890, 8.0413, -59.3633

Sweetspot

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



88.3320, 20.0493, 9.3558



151.4980, 8.1355, 3.9483



99.3530, 14.6160, -21.3576



74.2760, 4.7939, 2.3889



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.



88.3320, 20.0493, 9.3558



104.9380, 31.0896, 14.9634



96.1060, 16.2167, 25.3400



58.6950, 2.6154, 1.1445



31.6350, 47.5079, 22.2451



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.5660, 5.1440, 30.1986



114.4740, 8.1473, 46.9423



107.8940, -16.2167, -25.3400



59.5490, 0.7153, 3.9035



46.3660, 12.1446, 71.5930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 88.3320, 20.0493, 9.3558 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 88.3320, 20.0493, 9.3558 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 88.3320, 20.0493, 9.3558

Background



This preview shows how black text looks on a background with the YUV color 88.3320, 20.0493, 9.3558.



This preview shows how white text looks on a background with the YUV color 88.3320, 20.0493,

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

88.3320, 20.0493, 9.3558

Protanopia

84.6600, 25.8036, -16.3648

Deuteranopia

84.7050, 20.8514, -14.6503



Tritanopia

87.0760, 1.4415, 4.3183

Trichromacy



Original Color

88.3320, 20.0493, 9.3558

Protanomaly

86.1450, 23.5925, -7.1432

Deuteranomaly

85.7600, 20.8243, -5.9285

Tritanomaly

87.8080, 7.9827, 6.3074

Monochromacy



Original Color

88.3320, 20.0493, 9.3558

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9710, 7.4093, 3.5334

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3320, 20.0493, 9.3558 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(99, 75, 129)` looks like.

```
.text, #text, p{  
    color:rgb(99, 75, 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(99, 75, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 75, 129) }
```

Border

The CSS property to change the border of an element to YUV 88.3320, 20.0493, 9.3558 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(99, 75, 129) }
```


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

```
.border{ border-color:rgb(99, 75, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 75, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 75, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 75, 129);  
box-shadow:4px 4px 4px 4px rgb(99, 75,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 88.3320, 20.0493, 9.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 75, 129) }
```

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

```
.background{ background-color: rgb(99, 75,  
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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