

Converting Colors

YUV(97.9180, 21.2394, 0.9489)

Have a look what the booklet for
YUV(97.9180, 21.2394, 0.9489)
contains.

YUV(97.9180, 21.2394, 0.9489)	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(97.9180, 21.2394,
0.9489)**

Conversions

Conversions Part 1

Format	Color
Hex	63598D
RGB	99, 89, 141
RGB Percent	39%, 35%, 55%
CMY	0.6118, 0.6510, 0.4471
CMYK	0.30, 0.37, 0.00, 0.45
HSL	252°, 23%, 45%
HSV	252°, 37%, 55%
XYZ	13.5257, 11.7205, 26.7487
YIQ	97.9180, -10.7320, 18.2920

Conversions

Conversions Part 2

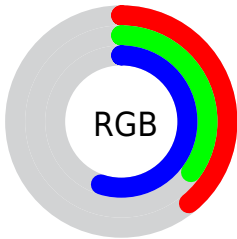
Format	Color
R_{YB}	99, 89, 141
Decimal	6510989
CIE _{Lab}	40.77, 16.35, -27.38
CIE _{LCh}	41, 31.893, 300.842
Yxy	11.7205, 0.2601, 0.2254
Android (android.graphics.Color)	4284701069 (0xFF63598D)
YUV	97.9180, 21.2394, 0.9489
Hunter-Lab	34.2352, 10.6104, -22.3599

Details

The YUV color **97.9180, 21.2394, 0.9489** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.0820, -21.2394, -0.9489**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9720, 22.6918, 1.7786**, and **50.4510, 19.4977, -0.3955** is the 20% darker color. If you saturate the color by 10%, you get **86.4110, 26.9124, 1.3936**, and if you desaturate by 10%, it is **109.4250, 15.5665, 0.5043**.

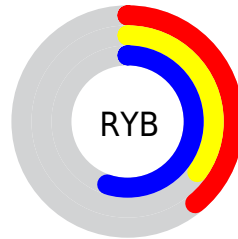
Distribution



Red (39%)

Green (35%)

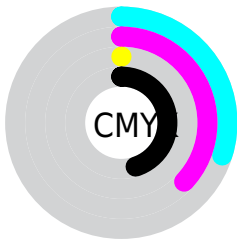
Blue (55%)



Red (39%)

Yellow (35%)

Blue (55%)

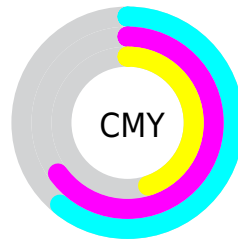


Cyan (30%)

Magenta (37%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (65%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9180, 21.2394, 0.9489 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 97.9180, 21.2394, 0.9489 by changing the saturation by 10% instead.

■ 97.9180, 21.2394,
0.9489

■ 97.9180, 21.2394,
0.9489

■ 255.0000, 0.0000,
0.0000

■ 73.9780, 20.2238,
0.0193

■ 148.9720, 22.6918,
1.7786

■ 50.4510, 19.4977,
-0.3955

■ 175.4990, 23.4180,
2.1934

■ 28.9130, 18.7769,
-2.5547

■ 203.6130, 23.8548,
2.0934

■ 7.2230, 18.6241,
-0.1956

■ 228.1760, 13.2242,
5.1076

■ 3.2090, 9.7570,
-2.8143

■ 251.4780, 1.7363,
3.0888

■ 0.0000, 0.0000,
0.0000

■ 97.9180, 21.2394,
0.9489

■ 97.9180, 21.2394,
0.9489

■ 86.4110, 26.9124,
1.3936

■ 109.4250, 15.5665,
0.5043

■ 74.6050, 32.7327,
1.2234

■ 121.2310, 9.7461,
0.6744

■ 63.0980, 38.4057,
1.6681

■ 132.7380, 4.0732,
0.2298

■ 51.2920, 44.2260,
1.4979

■ 144.5440, -1.7472,
0.3999

■ 39.1980, 50.1884,
2.4574

■ 156.6380, -7.7095,
-0.5595

■ 27.6910, 55.8613,
2.9020


■ 168.1450,
-13.3825, -1.0042

■ 24.1470, 57.6085,
2.5021

■ 179.9510,
-19.2028, -0.8340

■ 191.4580,

-24.8758, -1.2787

 202.9650,
-30.5487, -1.7233

Harmonies

Analogous

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



90.5330, 28.3312, -33.7934



97.9180, 21.2394, 0.9489



98.8520, 11.4120, 26.4398

Triad

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



97.9180, 21.2394, 0.9489



95.7640, -22.0687, 31.7790



74.9270, 10.3890, -65.7110

Complementary

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



97.9180, 21.2394, 0.9489



132.0820, -21.2394, -0.9489

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.



86.0380, -7.9067, -30.7283



97.9180, 21.2394, 0.9489



93.7420, -25.5088, 15.1353

Square

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



97.9180, 21.2394, 0.9489



96.3490, -12.4971, 41.7899



90.6900, -20.0602, -5.8671



77.8910, 21.7457, -68.3104

Rectangle

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



97.9180, 21.2394, 0.9489



98.1540, 3.3751, 37.5759



90.6900, -20.0602, -5.8671



78.0870, 4.3941, -56.2043

Sweetspot

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



97.9180, 21.2394, 0.9489



166.5900, 8.5831, 0.3596



119.5820, 10.5591, -26.8204



81.9660, 4.9468, 0.0298



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



97.9180, 21.2394, 0.9489



116.7190, 33.1695, 1.1234



105.6920, 17.4068, 16.9331



65.3960, 2.7628, 0.5297



23.1640, 55.1351, 2.4872



1.2110, 3.3470, -0.1850

Inverse Universe

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



109.3360, 10.6804, 27.7693



134.6290, 16.4519, 43.2984



124.3080, -17.4068, -16.9331



66.7770, 1.5889, 3.7036



52.7910, 27.7110, 72.0973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 97.9180, 21.2394, 0.9489 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 97.9180, 21.2394, 0.9489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

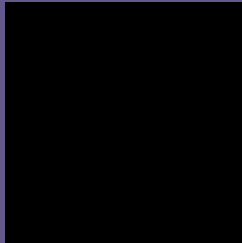
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.9180, 21.2394, 0.9489

Background



This preview shows how black text looks on a background with the YUV color 97.9180, 21.2394, 0.9489.



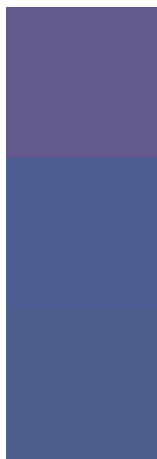
This preview shows how white text looks on a background with the YUV color 97.9180, 21.2394,

0.9489.

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

97.9180, 21.2394, 0.9489

Protanopia

95.1440, 25.0720, -15.0353

Deuteranopia

95.0470, 22.1618, -14.9502



Tritanopia

96.3030, 3.7946, -3.7737

Trichromacy



Original Color

97.9180, 21.2394, 0.9489

Protanomaly

96.1340, 23.5979, -8.8875

Deuteranomaly

96.2650, 21.5614, -9.0024

Tritanomaly

96.9210, 9.8989, -1.6847

Monochromacy



Original Color

97.9180, 21.2394, 0.9489

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0630, 7.8569, -0.0553

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9180, 21.2394, 0.9489 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, 89, 141)` looks like.

```
.text, #text, p{  
    color:rgb(99, 89, 141)  
}
```

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, 89, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 89, 141) }
```

Border

The CSS property to change the border of an element to YUV 97.9180, 21.2394, 0.9489 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, 89, 141) }
```


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

```
.border{ border-color:rgb(99, 89, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 89, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 89, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 89, 141);  
box-shadow:4px 4px 4px 4px rgb(99, 89,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 97.9180, 21.2394, 0.9489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 89, 141) }
```

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

```
.background{ background-color: rgb(99, 89,  
141) }
```

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