

Converting Colors

YUV(96.7440, 21.8182, 1.9785)

Have a look what the booklet for
YUV(96.7440, 21.8182, 1.9785)
contains.

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Color

**YUV(96.7440, 21.8182,
1.9785)**

Conversions

Conversions Part 1

Format	Color
Hex	63578D
RGB	99, 87, 141
RGB Percent	39%, 34%, 55%
CMY	0.6118, 0.6588, 0.4471
CMYK	0.30, 0.38, 0.00, 0.45
HSL	253°, 24%, 45%
HSV	253°, 38%, 55%
XYZ	13.3615, 11.3921, 26.6940
YIQ	96.7440, -10.1820, 19.3380

Conversions

Conversions Part 2

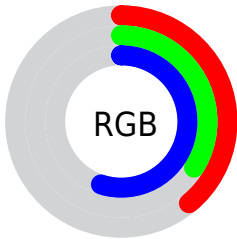
Format	Color
R_{YB}	99, 87, 141
Decimal	6510477
CIE Lab	40.23, 17.60, -28.22
CIE LCh	40, 33.257, 301.946
Yxy	11.3921, 0.2597, 0.2214
Android (android.graphics.Color)	4284700557 (0xFF63578D)
YUV	96.7440, 21.8182, 1.9785
Hunter-Lab	33.7522, 11.5965, -23.2647

Details

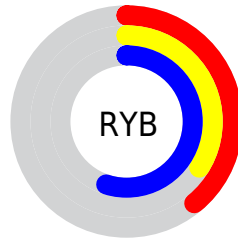
The YUV color **96.7440, 21.8182, 1.9785** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **131.2560, -21.8182, -1.9785**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7980, 23.2706, 2.8082**, and **49.8640, 19.7870, 0.1193** is the 20% darker color. If you saturate the color by 10%, you get **85.2370, 27.4912, 2.4232**, and if you desaturate by 10%, it is **108.2510, 16.1453, 1.5339**.

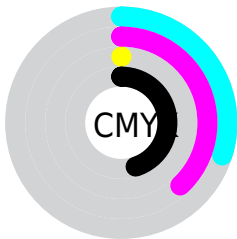
Distribution



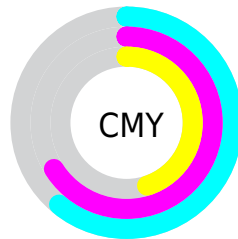
- Red (39%)
- Green (34%)
- Blue (55%)



- Red (39%)
- Yellow (34%)
- Blue (55%)



- Cyan (30%)
- Magenta (38%)
- Yellow (0%)
- Black (45%)



- Cyan (61%)
- Magenta (66%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.7440, 21.8182, 1.9785 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 96.7440, 21.8182, 1.9785 by changing the saturation by 10% instead.

■ 96.7440, 21.8182,
1.9785

■ 96.7440, 21.8182,
1.9785

■ 255.0000, 0.0000,
0.0000

■ 72.8040, 20.8026,
1.0489

■ 147.7980, 23.2706,
2.8082

■ 49.8640, 19.7870,
0.1193

■ 174.3250, 23.9968,
3.2230

■ 27.7390, 19.3557,
-1.5251

■ 201.8520, 24.7230,
3.6378

■ 7.2230, 18.6241,
-0.1956

■ 227.3010, 13.6556,
6.7520

■ 3.2090, 9.7570,
-2.8143

■ 250.3040, 2.3151,
4.1184

■ 0.0000, 0.0000,
0.0000

■ 96.7440, 21.8182,
1.9785

■ 96.7440, 21.8182,
1.9785

■ 85.2370, 27.4912,
2.4232

■ 108.2510, 16.1453,
1.5339

■ 73.7300, 33.1641,
2.8678

■ 119.7580, 10.4723,
1.0892

■ 62.2230, 38.8371,
3.3124

■ 131.2650, 4.7994,
0.6446

■ 50.7160, 44.5100,
3.7571

■ 142.7720, -0.8736,
0.2000

■ 39.2090, 50.1830,
4.2017

■ 154.8660, -6.8359,
-0.7595

■ 27.1150, 56.1453,
5.1611

■ 166.3730,
-12.5089, -1.2041

■ 25.3430, 57.0189,
4.9612

■ 177.8800,
-18.1818, -1.6488

■ 189.3870,

-23.8548, -2.0934

 200.8940,
-29.5277, -2.5380

Harmonies

Analogous

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



88.5760, 29.7890, -34.7082



96.7440, 21.8182, 1.9785



97.8630, 11.4065, 28.1841

Triad

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



96.7440, 21.8182, 1.9785



93.8350, -23.0897, 32.5937



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.



96.7440, 21.8182, 1.9785



131.2560, -21.8182, -1.9785

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.



83.4290, -7.6065, -33.7022



96.7440, 21.8182, 1.9785



92.2150, -26.2350, 14.7204

Square

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



96.7440, 21.8182, 1.9785



94.8330, -13.2287, 43.1195



89.4510, -20.9283, -7.4115



77.4180, 22.4719, -67.8956

Rectangle

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



96.7440, 21.8182, 1.9785



96.7520, 3.0803, 38.8055



89.4510, -20.9283, -7.4115



73.2000, 6.3104, -64.1964

Sweetspot

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



96.7440, 21.8182, 1.9785



166.8890, 8.4357, 0.9743



117.8100, 11.4327, -27.0204



82.2650, 4.7994, 0.6446



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.



96.7440, 21.8182, 1.9785



114.3710, 34.3271, 3.1826



104.8170, 17.8382, 18.5775



65.3960, 2.7628, 0.5297



24.3600, 54.5455, 4.9463



1.5100, 3.1996, 0.4297

Inverse Universe

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



107.9340, 10.3855, 28.9989



131.9390, 16.2991, 45.6575



123.1830, -17.8382, -18.5775



66.7770, 1.5889, 3.7036



52.3350, 25.9638, 72.4972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 96.7440, 21.8182, 1.9785 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 96.7440, 21.8182, 1.9785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

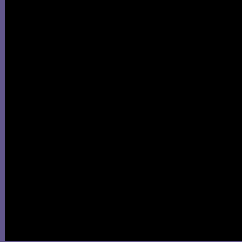
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.7440, 21.8182, 1.9785

Background



This preview shows how black text looks on a background with the YUV color 96.7440, 21.8182, 1.9785.

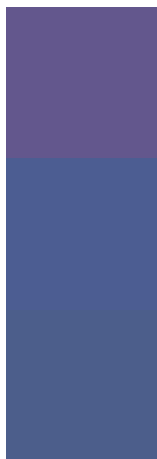


This preview shows how white text looks on a background with the YUV color 96.7440, 21.8182,

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

96.7440, 21.8182, 1.9785

Protanopia

93.9590, 25.6562, -15.7500

Deuteranopia

93.7480, 22.3092, -15.5650



Tritanopia

94.7160, 4.0840, -3.2589

Trichromacy



Original Color

96.7440, 21.8182, 1.9785

Protanomaly

94.9490, 24.1821, -9.6023

Deuteranomaly

94.4930, 22.4350, -9.2024

Tritanomaly

95.4480, 10.6251, -1.2699

Monochromacy



Original Color

96.7440, 21.8182, 1.9785

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7440, 21.8182, 1.9785 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, 87, 141)` looks like.

```
.text, #text, p{  
    color:rgb(99, 87, 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, 87, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 87, 141) }
```

Border

The CSS property to change the border of an element to YUV 96.7440, 21.8182, 1.9785 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, 87, 141) }
```


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

```
.border{ border-color:rgb(99, 87, 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, 87, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 87, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 87, 141);  
box-shadow:4px 4px 4px 4px rgb(99, 87,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 96.7440, 21.8182, 1.9785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 87, 141) }
```

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

```
.background{ background-color: rgb(99, 87,  
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](#).

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