

Converting Colors

YUV(96.5540, 19.9399, -2.2399)

Have a look what the booklet for
YUV(96.5540, 19.9399, -2.2399)
contains.

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Color

**YUV(96.5540, 19.9399,
-2.2399)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5A89
RGB	94, 90, 137
RGB Percent	37%, 35%, 54%
CMY	0.6314, 0.6471, 0.4627
CMYK	0.31, 0.34, 0.00, 0.46
HSL	245°, 21%, 45%
HSV	245°, 34%, 54%
XYZ	12.7876, 11.4982, 25.2123
YIQ	96.5540, -12.7030, 15.4650

Conversions

Conversions Part 2

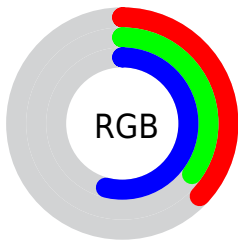
Format	Color
R_{YB}	94, 90, 137
Decimal	6183561
CIE _{Lab}	40.41, 13.07, -25.56
CIE _{LCh}	40, 28.708, 297.083
Yxy	11.4982, 0.2583, 0.2323
Android (android.graphics.Color)	4284373641 (0xFF5E5A89)
YUV	96.5540, 19.9399, -2.2399
Hunter-Lab	33.9089, 7.9747, -20.3476

Details

The YUV color **96.5540, 19.9399, -2.2399** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **130.4460, -19.9399, 2.2399**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6080, 21.3923, -1.4102**, and **49.2010, 18.6349, -3.6843** is the 20% darker color. If you saturate the color by 10%, you get **84.4490, 25.9076, -3.0248**, and if you desaturate by 10%, it is **108.6590, 13.9721, -1.4549**.

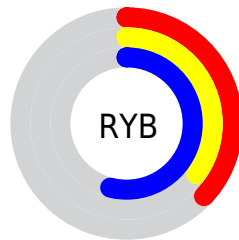
Distribution



Red (37%)

Green (35%)

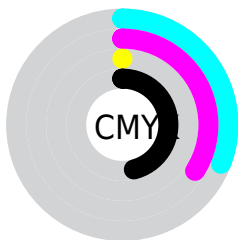
Blue (54%)



Red (37%)

Yellow (35%)

Blue (54%)

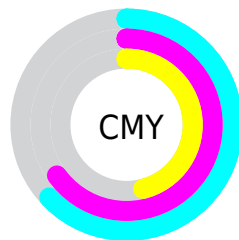


Cyan (31%)

Magenta (34%)

Yellow (0%)

Black (46%)



Cyan (63%)

Magenta (65%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5540, 19.9399, -2.2399 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 96.5540, 19.9399, -2.2399 by changing the saturation by 10% instead.

■ 96.5540, 19.9399,
-2.2399

■ 96.5540, 19.9399,
-2.2399

■ 255.0000, 0.0000,
0.0000

■ 72.6140, 18.9243,
-3.1695

■ 147.6080, 21.3923,
-1.4102

■ 49.2010, 18.6349,
-3.6843

■ 174.1350, 22.1184,
-0.9954

■ 27.8480, 17.3299,
-5.1287

■ 201.8360, 22.2659,
-1.6102

■ 4.9730, 17.7613,
-3.4843

■ 227.2680, 13.6719,
1.5190

■ 2.7530, 8.0098,
-2.4144

■ 252.0650, 1.4470,
2.5740

■ 0.0000, 0.0000,
0.0000

■ 96.5540, 19.9399,
-2.2399

■ 96.5540, 19.9399,
-2.2399

■ 84.4490, 25.9076,
-3.0248

■ 108.6590, 13.9721,
-1.4549

■ 73.2300, 31.4386,
-3.7097

■ 119.8780, 8.4411,
-0.7700

■ 61.1250, 37.4064,
-4.4946

■ 131.9830, 2.4734,
0.0149

■ 49.3190, 43.2267,
-4.6648

■ 143.7890, -3.3470,
0.1850

■ 37.8010, 48.9051,
-5.9645

■ 155.8940, -9.3147,
0.9700

■ 25.9950, 54.7255,
-6.1346


■ 167.1130,
-14.8457, 1.6549

■ 19.2060, 58.0724,
-6.3197

■ 179.2180,
-20.8135, 2.4398

■ 191.0240,

-26.6338, 2.6100

 202.5420,
-32.3122, 3.9097

Harmonies

Analogous

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



89.5610, 25.8524, -32.0640



96.5540, 19.9399, -2.2399



97.8190, 11.4282, 21.2067

Triad

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



96.5540, 19.9399, -2.2399



95.1490, -19.3005, 30.5643



78.9780, 6.4198, -52.6007

Complementary

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



96.5540, 19.9399, -2.2399



130.4460, -19.9399, 2.2399

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.



87.4410, -9.0914, -24.0658



96.5540, 19.9399, -2.2399



93.5510, -22.4566, 16.1798

Square

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



96.5540, 19.9399, -2.2399



96.1960, -10.4496, 38.4161



90.9400, -19.1974, -2.5784



76.0330, 19.7037, -66.6809

Rectangle

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



96.5540, 19.9399, -2.2399



97.3490, 4.2649, 32.1429



90.9400, -19.1974, -2.5784



83.1490, 0.4195, -41.3497

Sweetspot

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



96.5540, 19.9399, -2.2399



163.3510, 7.7150, -1.1848



120.5990, 8.0857, -26.8353



80.1400, 4.3680, -0.9998



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.



96.5540, 19.9399, -2.2399



115.5290, 31.2912, -3.0949



103.4310, 16.5495, 11.9000



63.0970, 2.9102, -0.0851



18.4510, 56.4727, -6.5345



0.5700, 2.1840, -0.4999

Inverse Universe

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



108.9550, 11.8542, 24.5955



134.7640, 18.3573, 38.7950



123.5690, -16.5495, -11.9000



64.7770, 1.5889, 3.7036



53.5610, 33.2474, 69.6680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 96.5540, 19.9399, -2.2399 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 96.5540, 19.9399, -2.2399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

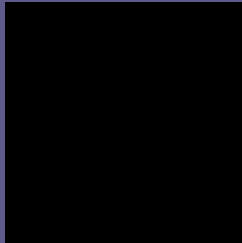
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.5540, 19.9399, -2.2399

Background



This preview shows how black text looks on a background with the YUV color 96.5540, 19.9399, -2.2399.



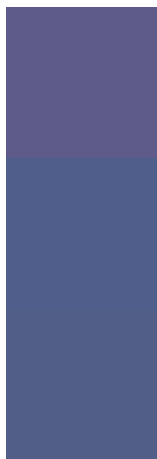
This preview shows how white text looks on a background with the YUV color 96.5540, 19.9399, -2.2399.

-2.2399.

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

96.5540, 19.9399, -2.2399

Protanopia

95.0580, 22.1564, -13.2059

Deuteranopia

94.6020, 20.4092, -12.8060



Tritanopia

94.8080, 4.5317, -6.8476

Trichromacy



Original Color

96.5540, 19.9399, -2.2399

Protanomaly

95.8520, 21.2720, -9.5172

Deuteranomaly

95.5100, 19.9616, -9.2173

Tritanomaly

95.3120, 10.1992, -4.6586

Monochromacy



Original Color

96.5540, 19.9399, -2.2399

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.6500, 7.5675, -0.5701

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5540, 19.9399, -2.2399 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(94, 90, 137)` looks like.

```
.text, #text, p{  
    color:rgb(94, 90, 137)  
}
```

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(94, 90, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 90, 137) }
```

Border

The CSS property to change the border of an element to YUV 96.5540, 19.9399, -2.2399 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(94, 90, 137) }
```


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

```
.border{ border-color:rgb(94, 90, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 90, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 90, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 90, 137);  
box-shadow:4px 4px 4px 4px rgb(94, 90,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 96.5540, 19.9399, -2.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 90, 137) }
```

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

```
.background{ background-color: rgb(94, 90,  
137) }
```

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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