

Converting Colors

YUV(96.2770, 16.6254,
-12.5209)

Have a look what the booklet for
YUV(96.2770, 16.6254, -12.5209)
contains.

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Color

**YUV(96.2770, 16.6254,
-12.5209)**

Conversions

Conversions Part 1

Format	Color
Hex	526182
RGB	82, 97, 130
RGB Percent	32%, 38%, 51%
CMY	0.6784, 0.6196, 0.4902
CMYK	0.37, 0.25, 0.00, 0.49
HSL	221°, 23%, 42%
HSV	221°, 37%, 51%
XYZ	11.7836, 11.9549, 22.8056
YIQ	96.2770, -19.5330, 7.0830

Conversions

Conversions Part 2

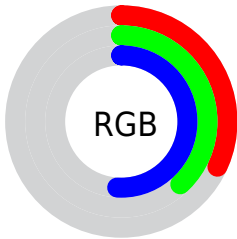
Format	Color
R_{YB}	82, 93, 130
Decimal	5398914
CIE Lab	41.14, 3.00, -20.25
CIE LCh	41, 20.471, 278.438
Yxy	11.9549, 0.2532, 0.2569
Android (android.graphics.Color)	4283588994 (0xFF526182)
YUV	96.2770, 16.6254, -12.5209
Hunter-Lab	34.5759, 0.3258, -14.9033

Details

The YUV color **96.2770, 16.6254, -12.5209** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **115.7230, -16.6254, 12.5209**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.9180, 17.7884, -12.2061**, and **49.3370, 15.6099, -13.4505** is the 20% darker color. If you saturate the color by 10%, you get **87.1070, 21.1462, -15.8798**, and if you desaturate by 10%, it is **105.4470, 12.1046, -9.1620**.

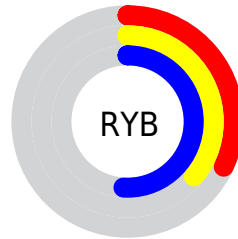
Distribution



Red (32%)

Green (38%)

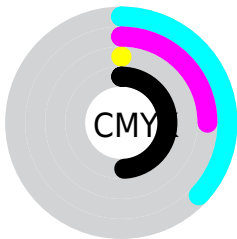
Blue (51%)



Red (32%)

Yellow (36%)

Blue (51%)

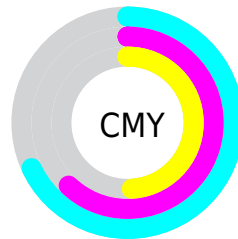


Cyan (37%)

Magenta (25%)

Yellow (0%)

Black (49%)



Cyan (68%)

Magenta (62%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.2770, 16.6254, -12.5209 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 96.2770, 16.6254, -12.5209 by changing the saturation by 10% instead.

■ 96.2770, 16.6254,
-12.5209

■ 96.2770, 16.6254,
-12.5209

■ 255.0000, 0.0000,
0.0000

■ 72.1630, 16.1886,
-12.4210

■ 146.9180, 17.7884,
-12.2061

■ 49.3370, 15.6099,
-13.4505

■ 174.0320, 18.2252,
-12.3061

■ 26.5000, 15.0365,
-16.2245

■ 201.1460, 18.6620,
-12.4060

■ 6.4520, 14.5672,
-5.6584

■ 227.7780, 13.4204,
-11.2063

■ 1.3680, 5.2416,
-1.1997

■ 251.7110, 1.6215,
-6.7625

■ 0.0000, 0.0000,
0.0000

■ 96.2770, 16.6254,
-12.5209

■ 96.2770, 16.6254,
-12.5209

■ 87.1070, 21.1462,
-15.8798

■ 105.4470, 12.1046,
-9.1620

■ 77.9370, 25.6671,
-19.2387

■ 114.6170, 7.5838,
-5.8031

■ 68.7670, 30.1879,
-22.5977

■ 123.7870, 3.0630,
-2.4442

■ 59.5970, 34.7087,
-25.9566

■ 132.9570, -1.4578,
0.9147

■ 50.4270, 39.2295,
-29.3155

■ 142.1270, -5.9786,
4.2736

■ 41.2570, 43.7503,
-32.6744

■ 151.2970,
-10.4994, 7.6325

■ 38.8870, 44.9187,
-34.1039

■ 160.4670,
-15.0202, 10.9914

■ 169.6370,

-19.5410, 14.3504

■ 178.2200,
-23.7725, 18.2241

Harmonies

Analogous

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



91.5090, 17.9901, -30.2644



96.2770, 16.6254, -12.5209



98.8340, 11.9138, 5.4076

Triad

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



96.2770, 16.6254, -12.5209



98.4180, -10.5591, 26.8204



90.9450, -3.4239, -21.8768

Complementary

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



96.2770, 16.6254, -12.5209



115.7230, -16.6254, 12.5209

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.



93.5680, -11.6190, -6.6371



96.2770, 16.6254, -12.5209



97.1090, -15.3367, 19.1984

Square

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



96.2770, 16.6254, -12.5209



98.7800, -2.8495, 27.3799



95.9180, -15.7356, 7.0879



88.0880, 6.3656, -35.1572

Rectangle

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



96.2770, 16.6254, -12.5209



99.4610, 7.6607, 16.2587



95.9180, -15.7356, 7.0879



91.5820, -6.2029, -17.1734

Sweetspot

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



96.2770, 16.6254, -12.5209



155.5740, 6.1260, -4.8884



113.9380, 0.5236, -28.0096



76.6020, 3.6472, -3.1590



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.



96.2770, 16.6254, -12.5209



115.9370, 25.6671, -19.2387



90.1630, 19.6396, 0.7340



58.9720, 2.4788, -1.7294



38.0720, 44.3345, -33.3891



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.0620, -0.5236, 28.0096



118.7480, -0.8618, 43.1940



121.8370, -19.6396, -0.7340



59.3210, -0.1583, 4.1035



42.8320, -1.3962, 74.6923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 96.2770, 16.6254, -12.5209 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 96.2770, 16.6254, -12.5209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

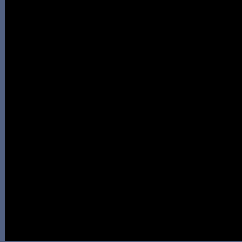
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

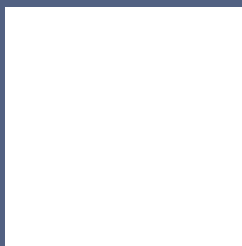
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.2770, 16.6254, -12.5209

Background



This preview shows how black text looks on a background with the YUV color 96.2770, 16.6254, -12.5209.

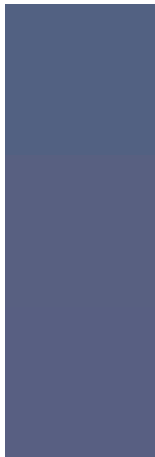


This preview shows how white text looks on a background with the YUV color 96.2770, 16.6254,

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

96.2770, 16.6254, -12.5209

Protanopia

97.3700, 15.5936, -8.2175

Deuteranopia

96.8970, 16.3198, -7.8027



Tritanopia

94.7360, 7.0322, -15.5545

Trichromacy



Original Color

96.2770, 16.6254, -12.5209

Protanomaly

96.7720, 15.8884, -9.4470

Deuteranomaly

96.8860, 16.3252, -9.5470

Tritanomaly

95.6590, 10.5211, -14.6099

Monochromacy



Original Color

96.2770, 16.6254, -12.5209

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8730, 5.9786, -4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2770, 16.6254, -12.5209 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(82, 97, 130)` looks like.

```
.text, #text, p{  
    color:rgb(82, 97, 130)  
}
```

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(82, 97, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 97, 130) }
```

Border

The CSS property to change the border of an element to YUV 96.2770, 16.6254, -12.5209 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(82, 97, 130) }
```


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

```
.border{ border-color:rgb(82, 97, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 97, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 97, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 97, 130);  
box-shadow:4px 4px 4px 4px rgb(82, 97,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 96.2770, 16.6254, -12.5209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 97, 130) }
```

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

```
.background{ background-color: rgb(82, 97,  
130) }
```

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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