

Converting Colors

YUV(97.3820, 27.4197,
-21.3830)

Have a look what the booklet for
YUV(97.3820, 27.4197, -21.3830)
contains.

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Color

**YUV(97.3820, 27.4197,
-21.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	496399
RGB	73, 99, 153
RGB Percent	29%, 39%, 60%
CMY	0.7137, 0.6118, 0.4000
CMYK	0.52, 0.35, 0.00, 0.40
HSL	220°, 35%, 44%
HSV	220°, 52%, 60%
XYZ	12.9593, 12.6401, 31.8937
YIQ	97.3820, -32.8300, 11.2820

Conversions

Conversions Part 2

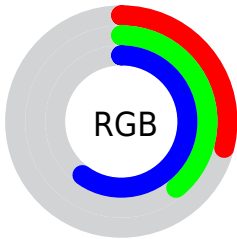
Format	Color
R_{YB}	73, 93, 153
Decimal	4809625
CIE _{Lab}	42.22, 6.42, -32.45
CIE _{LCh}	42, 33.081, 281.183
Yxy	12.6401, 0.2254, 0.2199
Android (android.graphics.Color)	4282999705 (0xFF496399)
YUV	97.3820, 27.4197, -21.3830
Hunter-Lab	35.5529, 2.8470, -28.3008

Details

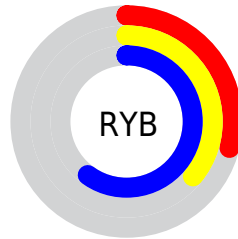
The YUV color **97.3820, 27.4197, -21.3830** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **128.6180, -27.4197, 21.3830**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8490, 29.1614, -20.0386**, and **46.6260, 27.2994, -29.4900** is the 20% darker color. If you saturate the color by 10%, you get **87.0270, 32.5247, -25.4567**, and if you desaturate by 10%, it is **107.7370, 22.3147, -17.3093**.

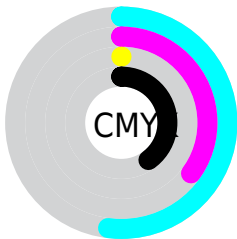
Distribution



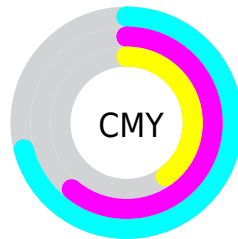
- Red (29%)
- Green (39%)
- Blue (60%)



- Red (29%)
- Yellow (36%)
- Blue (60%)



- Cyan (52%)
- Magenta (35%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3820, 27.4197, -21.3830 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 97.3820, 27.4197, -21.3830 by changing the saturation by 10% instead.

■ 97.3820, 27.4197,
-21.3830

■ 97.3820, 27.4197,
-21.3830

■ 255.0000, 0.0000,
0.0000

■ 72.2570, 26.9883,
-23.0274

■ 148.8490, 29.1614,
-20.0386

■ 46.6260, 27.2994,
-29.4900

■ 176.2620, 29.4508,
-19.5238

■ 27.5620, 24.3729,
-24.1719

■ 202.6490, 25.8090,
-18.1092

■ 10.8520, 21.2720,
-9.5172

■ 228.0440, 13.2893,
-15.8246

■ 4.8220, 13.3988,
-4.2289

■ 250.2160, 2.3585,
-9.8364

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 97.3820, 27.4197,
-21.3830

■ 97.3820, 27.4197,
-21.3830

■ 87.0270, 32.5247,
-25.4567

■ 107.7370, 22.3147,
-17.3093

■ 75.7860, 38.0665,
-29.6303

■ 118.9780, 16.7728,
-13.1357

■ 65.4310, 43.1715,
-33.7040

■ 129.3330, 11.6678,
-9.0620

■ 55.0760, 48.2765,
-37.7777

■ 139.6880, 6.5628,
-4.9884

■ 46.7920, 52.3605,
-41.0366

■ 150.6300, 1.1684,
-1.4295

■ 161.2840, -4.0840,
3.2589

■ 171.6390, -9.1890,
7.3326

■ 182.5810,
-14.5834, 10.8915

■ 193.2350,
-19.8359, 15.5799

Harmonies

Analogous

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



80.0230, 34.9917, -70.1802



97.3820, 27.4197, -21.3830



102.7020, 18.8809, 10.7853

Triad

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



97.3820, 27.4197, -21.3830



99.4970, -17.0070, 41.6601



85.7420, -2.3378, -43.6237

Complementary

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



97.3820, 27.4197, -21.3830



128.6180, -27.4197, 21.3830

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.



92.6180, -17.5597, -14.5740



97.3820, 27.4197, -21.3830



98.3460, -24.8206, 27.7606

Square

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



97.3820, 27.4197, -21.3830



100.6080, -5.2297, 44.1938



95.9970, -25.6345, 8.7726



79.3440, 14.6204, -69.5847

Rectangle

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



97.3820, 27.4197, -21.3830



102.5640, 11.5539, 27.5694



95.9970, -25.6345, 8.7726



88.9130, -8.3381, -32.3727

Sweetspot

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



97.3820, 27.4197, -21.3830



176.5180, 11.0836, -8.3473



126.0020, -0.0010, -46.4828



86.5740, 6.1260, -4.8884



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



97.3820, 27.4197, -21.3830



111.7300, 43.0241, -33.0892



86.0070, 33.0275, -0.0061



71.0860, 2.9156, -1.8294



42.9620, 47.8397, -37.6777



3.8300, 4.5208, -3.3589

Inverse Universe

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



99.8840, -0.4358, 46.5827



115.9350, -0.9540, 72.8480



139.9930, -33.0275, 0.0061



71.6200, -0.3057, 4.7183



47.1040, -0.5443, 81.4698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 97.3820, 27.4197, -21.3830 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 97.3820, 27.4197, -21.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

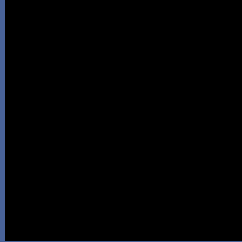
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

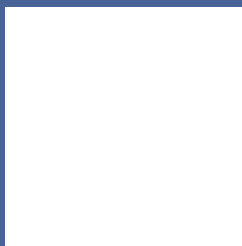
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.3820, 27.4197, -21.3830

Background



This preview shows how black text looks on a background with the YUV color 97.3820, 27.4197, -21.3830.



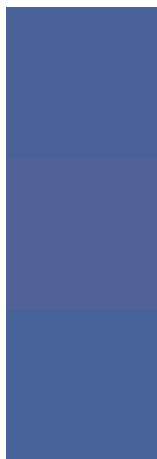
This preview shows how white text looks on a background with the YUV color 97.3820, 27.4197,

-21.3830.

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

97.3820, 27.4197, -21.3830

Protanopia

98.7740, 26.2404, -16.4648

Deuteranopia

97.0830, 27.5671, -21.9978



Tritanopia

93.8590, 10.4225, -29.6943

Trichromacy



Original Color

97.3820, 27.4197, -21.3830

Protanomaly

97.8770, 26.6826, -18.3091

Deuteranomaly

97.0830, 27.5671, -21.9978

Tritanomaly

95.1890, 16.6688, -26.4758

Monochromacy



Original Color

97.3820, 27.4197, -21.3830

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1760, 9.7732, -8.0474

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3820, 27.4197, -21.3830 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(73, 99, 153)` looks like.

```
.text, #text, p{  
    color:rgb(73, 99, 153)  
}
```

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(73, 99, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 99, 153) }
```

Border

The CSS property to change the border of an element to YUV 97.3820, 27.4197, -21.3830 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(73, 99, 153) }
```


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

```
.border{ border-color:rgb(73, 99, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 99, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 99, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 99, 153);  
box-shadow:4px 4px 4px 4px rgb(73, 99,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 97.3820, 27.4197, -21.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 99, 153) }
```

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

```
.background{ background-color: rgb(73, 99,  
153) }
```

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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