

Converting Colors

YUV(99.7410, 26.2567,
-21.6979)

Have a look what the booklet for
YUV(99.7410, 26.2567, -21.6979)
contains.

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Color

**YUV(99.7410, 26.2567,
-21.6979)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6699
RGB	75, 102, 153
RGB Percent	29%, 40%, 60%
CMY	0.7059, 0.6000, 0.4000
CMYK	0.51, 0.33, 0.00, 0.40
HSL	219°, 34%, 45%
HSV	219°, 51%, 60%
XYZ	13.4028, 13.2985, 31.9975
YIQ	99.7410, -32.4630, 10.1370

Conversions

Conversions Part 2

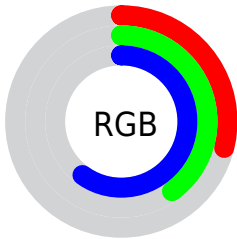
Format	Color
R_{YB}	75, 95, 153
Decimal	4941465
CIE _{Lab}	43.21, 5.04, -30.88
CIE _{LCh}	43, 31.291, 279.260
Yxy	13.2985, 0.2283, 0.2266
Android (android.graphics.Color)	4283131545 (0xFF4B6699)
YUV	99.7410, 26.2567, -21.6979
Hunter-Lab	36.4671, 1.7868, -26.4960

Details

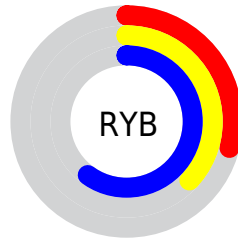
The YUV color **99.7410, 26.2567, -21.6979** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **128.2590, -26.2567, 21.6979**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.7950, 27.7091, -20.8682**, and **49.5830, 25.8416, -28.5753** is the 20% darker color. If you saturate the color by 10%, you get **89.3860, 31.3617, -25.7715**, and if you desaturate by 10%, it is **110.0960, 21.1517, -17.6242**.

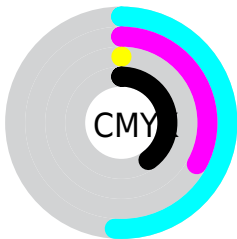
Distribution



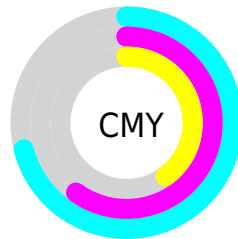
- Red (29%)
- Green (40%)
- Blue (60%)



- Red (29%)
- Yellow (37%)
- Blue (60%)



- Cyan (51%)
- Magenta (33%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7410, 26.2567, -21.6979 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 99.7410, 26.2567, -21.6979 by changing the saturation by 10% instead.

■ 99.7410, 26.2567,
-21.6979

■ 99.7410, 26.2567,
-21.6979

■ 255.0000, 0.0000,
0.0000

■ 74.6160, 25.8253,
-23.3422

■ 151.7950, 27.7091,
-20.8682

■ 49.5830, 25.8416,
-28.5753

■ 178.3220, 28.4353,
-20.4534

■ 29.3230, 23.5048,
-25.7163

■ 205.2960, 24.5041,
-19.5536

■ 13.2000, 20.1144,
-11.5764

■ 230.4030, 12.1263,
-16.1394

■ 4.8220, 13.3988,
-4.2289

■ 250.8140, 2.0637,
-8.6069

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,

0.0000

■ 99.7410, 26.2567,
-21.6979

■ 99.7410, 26.2567,
-21.6979

■ 89.3860, 31.3617,
-25.7715

■ 110.0960, 21.1517,
-17.6242

■ 78.7320, 36.6141,
-30.4600

■ 120.7500, 15.8993,
-12.9358

■ 68.3770, 41.7191,
-34.5336

■ 131.1050, 10.7942,
-8.8621

■ 58.0220, 46.8242,
-38.6073

■ 141.4600, 5.6892,
-4.7884

■ 48.5530, 51.4924,
-42.5810

■ 152.1140, 0.4368,
-0.1000

■ 162.4690, -4.6682,
3.9737

■ 172.8240, -9.7732,
8.0474

■ 183.1790,
-14.8782, 12.1210

■ 193.8330,
-20.1307, 16.8095

Harmonies

Analogous

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



81.9690, 33.5393, -71.0098



99.7410, 26.2567, -21.6979



104.5770, 18.4495, 9.1410

Triad

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



99.7410, 26.2567, -21.6979



102.2410, -15.4018, 40.1306



90.4330, -3.6645, -38.0907

Complementary

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



99.7410, 26.2567, -21.6979



128.2590, -26.2567, 21.6979

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.



96.0420, -17.2757, -12.3148



99.7410, 26.2567, -21.6979



101.1010, -23.2208, 27.9754

Square

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



99.7410, 26.2567, -21.6979



103.5260, -4.2033, 41.6347



99.0510, -24.1821, 9.6023



80.6320, 14.4784, -70.7143

Rectangle

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



99.7410, 26.2567, -21.6979



105.2540, 11.7068, 25.2102



99.0510, -24.1821, 9.6023



92.8210, -8.7858, -28.7840

Sweetspot

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



99.7410, 26.2567, -21.6979



178.2900, 10.2100, -8.1473



126.6000, -0.2958, -45.2532



87.4600, 5.6892, -4.7884



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.



99.7410, 26.2567, -21.6979



116.4480, 40.6981, -33.7189



87.4800, 32.3014, -0.4210



71.0860, 2.9156, -1.8294



44.7230, 46.9716, -39.2221



3.8300, 4.5208, -3.3589

Inverse Universe

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



101.4000, 0.2958, 45.2532



118.9670, 0.5093, 70.1889



140.5200, -32.3014, 0.4210



71.6200, -0.3057, 4.7183



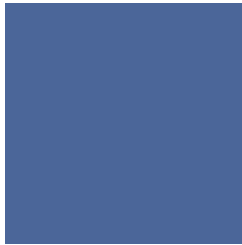
47.4460, 0.7661, 81.1699



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 99.7410, 26.2567, -21.6979 looks on a white background.

Color Contrast Check

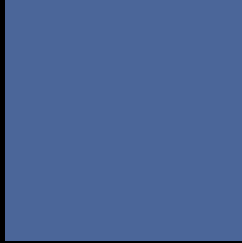
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.7410, 26.2567, -21.6979 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

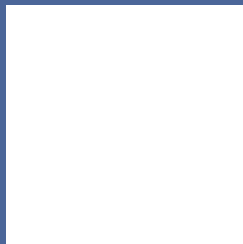
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 99.7410, 26.2567, -21.6979

Background



This preview shows how black text looks on a background with the YUV color 99.7410, 26.2567, -21.6979.



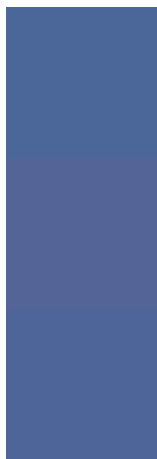
This preview shows how white text looks on a background with the YUV color 99.7410, 26.2567,

-21.6979.

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

99.7410, 26.2567, -21.6979

Protanopia

101.0300, 24.6352, -14.9353

Deuteranopia

100.0510, 26.1039, -19.3387



Tritanopia

96.2720, 10.7119, -29.1795

Trichromacy



Original Color

99.7410, 26.2567, -21.6979

Protanomaly

100.8340, 25.2248, -17.3944

Deuteranomaly

99.7520, 26.2513, -19.9535

Tritanomaly

97.1890, 16.6688, -26.4758

Monochromacy



Original Color

99.7410, 26.2567, -21.6979

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0620, 9.3364, -7.9474

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7410, 26.2567, -21.6979 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(75, 102, 153)` looks like.

```
.text, #text, p{  
    color:rgb(75, 102, 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(75, 102, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 102, 153) }
```

Border

The CSS property to change the border of an element to YUV 99.7410, 26.2567, -21.6979 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(75, 102, 153) }
```


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

```
.border{ border-color:rgb(75, 102, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 102, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 102, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 102, 153);  
box-shadow:4px 4px 4px 4px rgb(75, 102,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 99.7410, 26.2567, -21.6979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 102, 153) }
```

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

```
.background{ background-color: rgb(75, 102,  
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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