

Converting Colors

YUV(77.7410, 26.2567,
-21.6979)

Have a look what the booklet for
YUV(77.7410, 26.2567, -21.6979)
contains.

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Color

**YUV(77.7410, 26.2567,
-21.6979)**

Conversions

Conversions Part 1

Format	Color
Hex	355083
RGB	53, 80, 131
RGB Percent	21%, 31%, 51%
CMY	0.7922, 0.6863, 0.4863
CMYK	0.60, 0.39, 0.00, 0.49
HSL	219°, 42%, 36%
HSV	219°, 60%, 51%
XYZ	8.4336, 8.1329, 22.5980
YIQ	77.7410, -32.4630, 10.1370

Conversions

Conversions Part 2

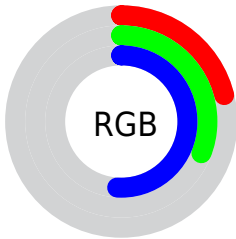
Format	Color
RYB	53, 73, 131
Decimal	3494019
CIELab	34.26, 6.38, -31.76
CIElCh	34, 32.396, 281.362
Yxy	8.1329, 0.2153, 0.2077
Android (android.graphics.Color)	4281684099 (0xFF355083)
YUV	77.7410, 26.2567, -21.6979
Hunter-Lab	28.5182, 2.8802, -27.0190

Details

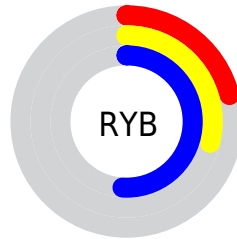
The YUV color **77.7410, 26.2567, -21.6979** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **106.2590, -26.2567, 21.6979**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3930, 27.4143, -19.6387**, and **30.3660, 24.9626, -26.6310** is the 20% darker color. If you saturate the color by 10%, you get **68.5710, 30.7775, -25.0568**, and if you desaturate by 10%, it is **86.9110, 21.7359, -18.3389**.

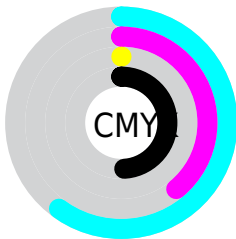
Distribution



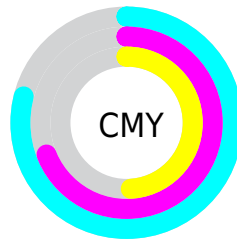
- Red (21%)
- Green (31%)
- Blue (51%)



- Red (21%)
- Yellow (29%)
- Blue (51%)



- Cyan (60%)
- Magenta (39%)
- Yellow (0%)
- Black (49%)



- Cyan (79%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.7410, 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 77.7410, 26.2567, -21.6979 by changing the saturation by 10% instead.

■ 77.7410, 26.2567,
-21.6979

■ 77.7410, 26.2567,
-21.6979

■ 255.0000, 0.0000,
0.0000

■ 52.7190, 26.2675,
-25.1866

■ 128.3930, 27.4143,
-19.6387

■ 30.3660, 24.9626,
-26.6310

■ 154.9200, 28.1404,
-19.2238

■ 15.4170, 20.9934,
-13.5207

■ 182.1480, 29.0140,
-19.4238

■ 5.2780, 15.1459,
-4.6288

■ 207.9650, 23.1883,
-17.5093

■ 1.2540, 4.8048,
-1.0998

■ 233.0720, 10.8105,
-14.0951

■ 0.0000, 0.0000,
0.0000

■ 252.3090, 1.3267,

-5.5330

■ 77.7410, 26.2567,
-21.6979

■ 77.7410, 26.2567,
-21.6979

■ 68.5710, 30.7775,
-25.0568

■ 86.9110, 21.7359,
-18.3389

■ 59.9880, 35.0089,
-28.9305

■ 95.4940, 17.5045,
-14.4652

■ 50.8180, 39.5297,
-32.2894

■ 104.6640, 12.9836,
-11.1063

■ 42.2350, 43.7611,
-36.1631

■ 113.2470, 8.7522,
-7.2326

■ 41.3490, 44.1979,
-36.2631

■ 122.7160, 4.0840,
-3.2589

■ 131.2990, -0.1474,
0.6148

■ 140.4690, -4.6682,
3.9737

■ 149.6390, -9.1890,
7.3326

■ 158.2220,
-13.4204, 11.2063

Harmonies

Analogous

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



66.3620, 30.8805, -58.1995



77.7410, 26.2567, -21.6979



83.0610, 17.7179, 10.4705

Triad

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



77.7410, 26.2567, -21.6979



80.1160, -15.8332, 38.4863



64.4750, -0.7272, -46.8976

Complementary

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



77.7410, 26.2567, -21.6979



106.2590, -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.



74.1450, -16.8335, -14.1592



77.7410, 26.2567, -21.6979



78.6770, -23.5048, 25.7163

Square

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



77.7410, 26.2567, -21.6979



80.5260, -4.2033, 41.6347



76.9260, -24.6135, 7.9579



64.8510, 12.3985, -56.8743

Rectangle

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



77.7410, 26.2567, -21.6979



82.8520, 11.4120, 26.4398



76.9260, -24.6135, 7.9579



69.2550, -7.0277, -32.6726

Sweetspot

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



77.7410, 26.2567, -21.6979



149.9910, 10.3574, -8.7621



104.6000, -0.2958, -45.2532



73.6880, 6.5628, -4.9884



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



77.7410, 26.2567, -21.6979



88.4480, 40.6981, -33.7189



65.4800, 32.3014, -0.4210



61.8580, 2.0420, -1.6295



41.2350, 43.7611, -36.1631



0.9290, 1.0210, -0.8147

Inverse Universe

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



79.4000, 0.2958, 45.2532



90.9670, 0.5093, 70.1889



118.5200, -32.3014, 0.4210



62.0220, -0.0108, 3.4887



44.0000, 0.4930, 75.4220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 77.7410, 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 ✓ Pass

Black Background



This preview shows how the YUV color 77.7410, 26.2567, -21.6979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

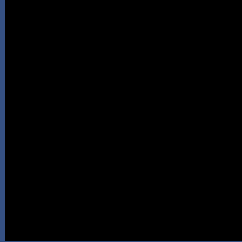
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.7410, 26.2567, -21.6979

Background



This preview shows how black text looks on a background with the YUV color 77.7410, 26.2567, -21.6979.



This preview shows how white text looks on a background with the YUV color 77.7410, 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

77.7410, 26.2567, -21.6979

Protanopia

79.1330, 25.0774, -16.7796

Deuteranopia

77.1320, 26.5569, -24.6718



Tritanopia

73.5490, 10.5753, -32.0535

Trichromacy



Original Color

77.7410, 26.2567, -21.6979

Protanomaly

78.2360, 25.5197, -18.6240

Deuteranomaly

77.4310, 26.4095, -24.0570

Tritanomaly

75.0640, 16.2374, -28.1201

Monochromacy



Original Color

77.7410, 26.2567, -21.6979

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0620, 9.3364, -7.9474

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7410, 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(53, 80, 131)` looks like.

```
.text, #text, p{  
    color:rgb(53, 80, 131)  
}
```

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(53, 80, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 80, 131) }
```

Border

The CSS property to change the border of an element to YUV 77.7410, 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(53, 80, 131) }
```


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

```
.border{ border-color:rgb(53, 80, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 80, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 80, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 80, 131);  
box-shadow:4px 4px 4px 4px rgb(53, 80,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 77.7410, 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(53, 80, 131) }
```

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

```
.background{ background-color: rgb(53, 80,  
131) }
```

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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