

Converting Colors

YUV(77.5830, 12.5306, -5.7733)

Have a look what the booklet for
YUV(77.5830, 12.5306, -5.7733)
contains.

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Color

**YUV(77.5830, 12.5306,
-5.7733)**

Conversions

Conversions Part 1

Format	Color
Hex	474C67
RGB	71, 76, 103
RGB Percent	28%, 30%, 40%
CMY	0.7216, 0.7020, 0.5961
CMYK	0.31, 0.26, 0.00, 0.60
HSL	231°, 18%, 34%
HSV	231°, 31%, 40%
XYZ	7.6312, 7.4877, 13.8750
YIQ	77.5830, -11.6470, 7.3370

Conversions

Conversions Part 2

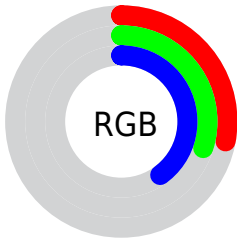
Format	Color
R_{YB}	71, 75, 103
Decimal	4672615
CIE Lab	32.89, 4.96, -16.35
CIE LCh	33, 17.082, 286.875
Yxy	7.4877, 0.2632, 0.2583
Android (android.graphics.Color)	4282862695 (0xFF474C67)
YUV	77.5830, 12.5306, -5.7733
Hunter-Lab	27.3638, 1.8932, -10.9089

Details

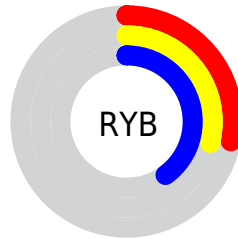
The YUV color **77.5830, 12.5306, -5.7733** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **96.4170, -12.5306, 5.7733**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8110, 13.4042, -5.9732**, and **32.9420, 11.3676, -6.0881** is the 20% darker color. If you saturate the color by 10%, you get **69.3100, 16.6092, -7.2879**, and if you desaturate by 10%, it is **85.8560, 8.4520, -4.2587**.

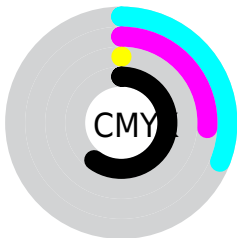
Distribution



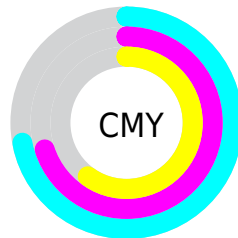
- Red (28%)
- Green (30%)
- Blue (40%)



- Red (28%)
- Yellow (29%)
- Blue (40%)



- Cyan (31%)
- Magenta (26%)
- Yellow (0%)
- Black (60%)



- Cyan (72%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.5830, 12.5306, -5.7733 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 77.5830, 12.5306, -5.7733 by changing the saturation by 10% instead.

■ 77.5830, 12.5306,
-5.7733

■ 77.5830, 12.5306,
-5.7733

■ 255.0000, 0.0000,
0.0000

■ 54.4690, 12.0938,
-5.6733

■ 126.8110, 13.4042,
-5.9732

■ 32.9420, 11.3676,
-6.0881

■ 152.9250, 13.8410,
-6.0732

■ 9.5830, 12.5306,
-5.7733

■ 179.4520, 14.5672,
-5.6584

■ 1.1400, 4.3680,
-0.9998

■ 207.1530, 14.7146,
-6.2732

■ 0.0000, 0.0000,
0.0000

■ 234.3120, 10.1992,
-4.6586

■ 77.5830, 12.5306,
-5.7733

■ 77.5830, 12.5306,
-5.7733

■ 69.3100, 16.6092,
-7.2879

■ 85.8560, 8.4520,
-4.2587

■ 61.3250, 20.5458,
-9.9320

■ 93.8410, 4.5154,
-1.6146

■ 53.0520, 24.6244,
-11.4466

■ 102.1140, 0.4368,
-0.1000

■ 44.7790, 28.7030,
-12.9612

■ 110.3870, -3.6418,
1.4146

■ 37.0930, 32.4922,
-14.9906

■ 118.3720, -7.5784,
4.0588

■ 28.5210, 36.7181,
-17.1199

■ 126.6450,
-11.6570, 5.5733

■ 21.1340, 40.3599,
-18.5345

■ 134.9180,
-15.7356, 7.0879

■ 143.1910,

-19.8142, 8.6025

■ 151.1760,
-23.7508, 11.2466

Harmonies

Analogous

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



73.9510, 14.3212, -20.1280



77.5830, 12.5306, -5.7733



79.2320, 8.2666, 8.5665

Triad

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



77.5830, 12.5306, -5.7733



77.9010, -9.8112, 20.2578



71.7540, -0.3717, -20.8323

Complementary

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



77.5830, 12.5306, -5.7733



96.4170, -12.5306, 5.7733

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.



73.9960, -7.3930, -8.7665



77.5830, 12.5306, -5.7733



76.7600, -12.6997, 13.3655

Square

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



77.5830, 12.5306, -5.7733



78.9920, -4.4331, 21.9320



75.8080, -12.2303, 2.7994



70.3490, 7.2229, -30.1241

Rectangle

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



77.5830, 12.5306, -5.7733



79.5380, 4.1718, 15.3142



75.8080, -12.2303, 2.7994



72.6790, -3.2927, -17.2585

Sweetspot

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



77.5830, 12.5306, -5.7733



125.5420, 4.6628, -2.2293



92.8620, 2.5330, -19.1730



62.4990, 3.2050, -1.3146



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



77.5830, 12.5306, -5.7733



95.3960, 19.5248, -9.1173



77.9370, 12.3561, 3.5633



47.1570, 1.8946, -1.0147



23.6760, 45.0227, -20.7639



49.8940, 94.7083, -43.7570

Inverse Universe

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



81.1380, -2.5330, 19.1730



100.8620, -3.8760, 29.9390



96.0630, -12.3561, -3.5633



47.6090, -0.3002, 2.9739



36.4370, -9.0894, 68.8998



76.6900, -19.0742, 144.9769

Previews

White Background



This preview shows how the YUV color 77.5830, 12.5306, -5.7733 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 77.5830, 12.5306, -5.7733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

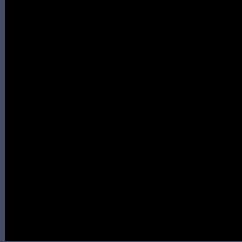
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.5830, 12.5306, -5.7733

Background



This preview shows how black text looks on a background with the YUV color 77.5830, 12.5306, -5.7733.



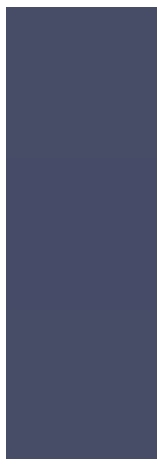
This preview shows how white text looks on a background with the YUV color 77.5830, 12.5306,

-5.7733.

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

77.5830, 12.5306, -5.7733

Protanopia

77.2840, 12.6780, -6.3881

Deuteranopia

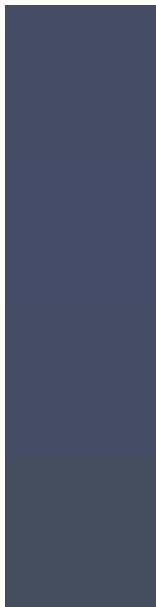
77.5830, 12.5306, -5.7733



Tritanopia

76.2100, 4.8265, -8.0772

Trichromacy



Original Color

77.5830, 12.5306, -5.7733

Protanomaly

77.2840, 12.6780, -6.3881

Deuteranomaly

77.5830, 12.5306, -5.7733

Tritanomaly

76.6060, 7.5892, -7.5475

Monochromacy



Original Color

77.5830, 12.5306, -5.7733

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.5420, 4.6628, -2.2293

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.5830, 12.5306, -5.7733 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(71, 76, 103)` looks like.

```
.text, #text, p{  
    color:rgb(71, 76, 103)  
}
```

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(71, 76, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 76, 103) }
```

Border

The CSS property to change the border of an element to YUV 77.5830, 12.5306, -5.7733 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(71, 76, 103) }
```


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

```
.border{ border-color:rgb(71, 76, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 76, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 76, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 76, 103);  
box-shadow:4px 4px 4px 4px rgb(71, 76,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 77.5830, 12.5306, -5.7733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 76, 103) }
```

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

```
.background{ background-color: rgb(71, 76,  
103) }
```

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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