

Converting Colors

YUV(75.5520, 22.8989,
-18.0241)

Have a look what the booklet for
YUV(75.5520, 22.8989, -18.0241)
contains.

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Color

**YUV(75.5520, 22.8989,
-18.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	374D7A
RGB	55, 77, 122
RGB Percent	22%, 30%, 48%
CMY	0.7843, 0.6980, 0.5216
CMYK	0.55, 0.37, 0.00, 0.52
HSL	220°, 38%, 35%
HSV	220°, 55%, 48%
XYZ	7.7423, 7.5251, 19.4568
YIQ	75.5520, -27.5570, 9.3310

Conversions

Conversions Part 2

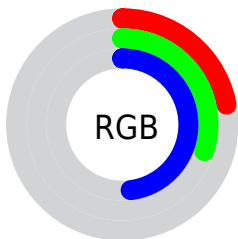
Format	Color
RYB	55, 72, 122
Decimal	3624314
CIELab	32.97, 5.65, -28.21
CIELCh	33, 28.774, 281.325
Yxy	7.5251, 0.2230, 0.2167
Android (android.graphics.Color)	4281814394 (0xFF374D7A)
YUV	75.5520, 22.8989, -18.0241
Hunter-Lab	27.4320, 2.3732, -22.8505

Details

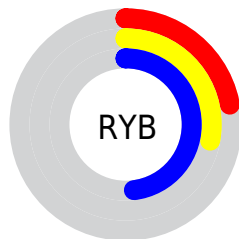
The YUV color **75.5520, 22.8989, -18.0241** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **101.4480, -22.8989, 18.0241**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.9050, 24.2038, -16.5797**, and **27.6930, 22.3364, -24.2868** is the 20% darker color. If you saturate the color by 10%, you get **67.2680, 26.9829, -21.2830**, and if you desaturate by 10%, it is **83.8360, 18.8149, -14.7652**.

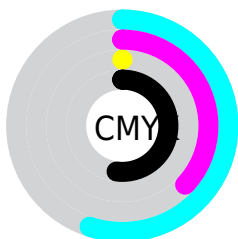
Distribution



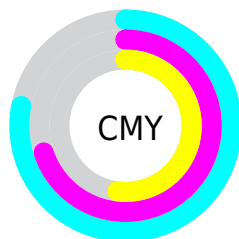
- Red (22%)
- Green (30%)
- Blue (48%)



- Red (22%)
- Yellow (28%)
- Blue (48%)



- Cyan (55%)
- Magenta (37%)
- Yellow (0%)
- Black (52%)



- Cyan (78%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5520, 22.8989, -18.0241 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 75.5520, 22.8989, -18.0241 by changing the saturation by 10% instead.

■ 75.5520, 22.8989,
-18.0241

■ 75.5520, 22.8989,
-18.0241

■ 255.0000, 0.0000,
0.0000

■ 51.1280, 22.6149,
-20.2833

■ 125.9050, 24.2038,
-16.5797

■ 27.6930, 22.3364,
-24.2868

■ 151.4320, 24.9300,
-16.1649

■ 11.5700, 18.9460,
-10.1469

■ 178.5460, 25.3668,
-16.2648

■ 4.4800, 12.0884,
-3.9290

■ 206.2040, 24.0564,
-15.9649

■ 0.0000, 0.0000,
0.0000

■ 231.0120, 11.8261,
-13.1655

■ 252.0100, 1.4741,

-6.1478

■ 75.5520, 22.8989,
-18.0241

■ 75.5520, 22.8989,
-18.0241

■ 67.2680, 26.9829,
-21.2830

■ 83.8360, 18.8149,
-14.7652

■ 58.9840, 31.0669,
-24.5420

■ 92.1200, 14.7308,
-11.5062

■ 49.8140, 35.5877,
-27.9009

■ 101.2900, 10.2100,
-8.1473

■ 41.5300, 39.6717,
-31.1598

■ 109.5740, 6.1260,
-4.8884

■ 37.3880, 41.7137,
-32.7893

■ 117.8580, 2.0420,
-1.6295

■ 126.1420, -2.0420,
1.6295

■ 134.4260, -6.1260,
4.8884

■ 143.5960,
-10.6468, 8.2473

■ 151.8800,
-14.7308, 11.5062

Harmonies

Analogous

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



62.9880, 28.1069, -55.2405



75.5520, 22.8989, -18.0241



79.8930, 15.8288, 9.7408

Triad

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



75.5520, 22.8989, -18.0241



77.2510, -13.9277, 33.9829



65.6010, -1.7753, -37.3611

Complementary

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



75.5520, 22.8989, -18.0241



101.4480, -22.8989, 18.0241

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.



72.0250, -14.8023, -12.2999



75.5520, 22.8989, -18.0241



76.3500, -20.8785, 23.3721

Square

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



75.5520, 22.8989, -18.0241



77.9060, -3.8977, 36.9164



74.7240, -21.5559, 7.2581



62.0470, 11.8088, -54.4152

Rectangle

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



75.5520, 22.8989, -18.0241



80.0750, 9.8230, 22.7362



74.7240, -21.5559, 7.2581



68.4020, -6.6072, -27.5396

Sweetspot

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



75.5520, 22.8989, -18.0241



140.5460, 8.6048, -6.6178



99.4590, 0.2667, -38.9905



68.6450, 5.1050, -4.0737



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



75.5520, 22.8989, -18.0241



85.8140, 35.5877, -27.9009



65.9270, 27.6440, 0.0640



56.8580, 2.0420, -1.6295



38.3170, 42.7347, -33.6040



77.4490, 86.0536, -67.9228

Inverse Universe

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



77.5410, -0.2667, 38.9905



88.9720, -0.4792, 60.5376



111.0730, -27.6440, -0.0640



57.0220, -0.0108, 3.4887



42.0490, -0.5172, 72.7480



84.8100, -0.8923, 146.6256

Previews

White Background



This preview shows how the YUV color 75.5520, 22.8989, -18.0241 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 75.5520, 22.8989, -18.0241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

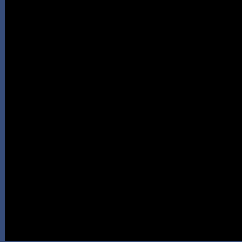
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5520, 22.8989, -18.0241

Background



This preview shows how black text looks on a background with the YUV color 75.5520, 22.8989, -18.0241.



This preview shows how white text looks on a background with the YUV color 75.5520, 22.8989,

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

75.5520, 22.8989, -18.0241

Protanopia

76.6450, 21.8670, -13.7207

Deuteranopia

74.9540, 23.1937, -19.2537



Tritanopia

72.4250, 8.6645, -25.8057

Trichromacy



Original Color

75.5520, 22.8989, -18.0241

Protanomaly

76.0470, 22.1618, -14.9502

Deuteranomaly

75.2530, 23.0463, -18.6389

Tritanomaly

73.2280, 14.1846, -23.0020

Monochromacy



Original Color

75.5520, 22.8989, -18.0241

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.5460, 8.6048, -6.6178

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5520, 22.8989, -18.0241 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(55, 77, 122)` looks like.

```
.text, #text, p{  
    color:rgb(55, 77, 122)  
}
```

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(55, 77, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 77, 122) }
```

Border

The CSS property to change the border of an element to YUV 75.5520, 22.8989, -18.0241 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(55, 77, 122) }
```


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

```
.border{ border-color:rgb(55, 77, 122) }
```

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

Here you see how a box with a 4 pixel rgb(55, 77, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 77, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 77, 122);  
box-shadow:4px 4px 4px 4px rgb(55, 77,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 75.5520, 22.8989, -18.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 77, 122) }
```

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

```
.background{ background-color: rgb(55, 77,  
122) }
```

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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