

Converting Colors

YUV(74.6330, 23.3519,
-23.3571)

Have a look what the booklet for
YUV(74.6330, 23.3519, -23.3571)
contains.

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Color

**YUV(74.6330, 23.3519,
-23.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	304F7A
RGB	48, 79, 122
RGB Percent	19%, 31%, 48%
CMY	0.8118, 0.6902, 0.5216
CMYK	0.61, 0.35, 0.00, 0.52
HSL	215°, 44%, 33%
HSV	215°, 61%, 48%
XYZ	7.5278, 7.6255, 19.4875
YIQ	74.6330, -32.2790, 6.8010

Conversions

Conversions Part 2

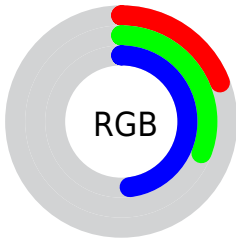
Format	Color
R_{YB}	48, 70, 122
Decimal	3166074
CIE Lab	33.19, 2.70, -27.90
CIE LCh	33, 28.029, 275.519
Yxy	7.6255, 0.2173, 0.2201
Android (android.graphics.Color)	4281356154 (0xFF304F7A)
YUV	74.6330, 23.3519, -23.3571
Hunter-Lab	27.6143, 0.3348, -22.5111

Details

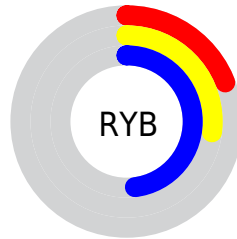
The YUV color **74.6330, 23.3519, -23.3571** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **95.3670, -23.3519, 23.3571**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2850, 24.5095, -21.2979**, and **28.8670, 21.7576, -25.3164** is the 20% darker color. If you saturate the color by 10%, you get **66.9360, 27.1466, -27.1309**, and if you desaturate by 10%, it is **82.3300, 19.5573, -19.5834**.

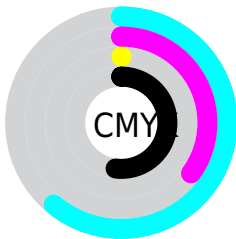
Distribution



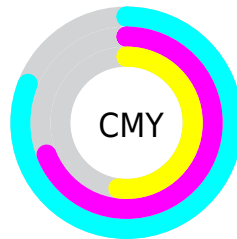
- Red (19%)
- Green (31%)
- Blue (48%)



- Red (19%)
- Yellow (27%)
- Blue (48%)



- Cyan (61%)
- Magenta (35%)
- Yellow (0%)
- Black (52%)



- Cyan (81%)
- Magenta (69%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.6330, 23.3519, -23.3571 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 74.6330, 23.3519, -23.3571 by changing the saturation by 10% instead.

■ 74.6330, 23.3519,
-23.3571

■ 74.6330, 23.3519,
-23.3571

■ 255.0000, 0.0000,
0.0000

■ 49.3120, 23.5102,
-27.4606

■ 125.2850, 24.5095,
-21.2979

■ 28.8670, 21.7576,
-25.3164

■ 151.3990, 24.9463,
-21.3979

■ 13.3310, 18.0778,
-11.6913

■ 177.9260, 25.6725,
-20.9831

■ 4.4800, 12.0884,
-3.9290

■ 205.5840, 24.3621,
-20.6832

■ 0.0000, 0.0000,
0.0000

■ 230.3920, 12.1317,
-17.8838

■ 250.2160, 2.3585,

-9.8364

■ 74.6330, 23.3519,
-23.3571

■ 74.6330, 23.3519,
-23.3571

■ 66.9360, 27.1466,
-27.1309

■ 82.3300, 19.5573,
-19.5834

■ 59.2390, 30.9412,
-30.9046

■ 90.0270, 15.7627,
-15.8097

■ 51.2430, 34.8832,
-35.2931

■ 98.0230, 11.8207,
-11.4212

■ 43.8450, 38.5304,
-38.4521

■ 105.7200, 8.0260,
-7.6474

■ 113.4170, 4.2314,
-3.8737

■ 121.7010, 0.1474,
-0.6148

■ 129.3980, -3.6472,
3.1590

■ 137.3940, -7.5892,
7.5475

■ 145.0910,
-11.3839, 11.3212

Harmonies

Analogous

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



63.3470, 26.9439, -55.5553



74.6330, 23.3519, -23.3571



80.0880, 16.7186, 4.3078

Triad

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



74.6330, 23.3519, -23.3571



78.3050, -12.4754, 34.8125



68.5480, -4.7072, -30.2986

Complementary

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



74.6330, 23.3519, -23.3571



95.3670, -23.3519, 23.3571

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.



73.1180, -15.8342, -7.9965



74.6330, 23.3519, -23.3571



77.1160, -19.2842, 25.3313

Square

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



74.6330, 23.3519, -23.3571



78.7640, -1.8557, 35.2870



75.5610, -20.9826, 10.0320



61.5910, 10.0616, -54.0153

Rectangle

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



74.6330, 23.3519, -23.3571



80.3950, 11.1443, 18.9476



75.5610, -20.9826, 10.0320



70.4520, -9.0968, -22.3214

Sweetspot

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



74.6330, 23.3519, -23.3571



140.2360, 8.7577, -8.9770



96.2260, -3.0694, -42.2942



68.0470, 5.3998, -5.3032



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.



74.6330, 23.3519, -23.3571



84.2860, 36.3410, -36.2078



57.9310, 31.5860, -4.3245



57.4450, 1.7526, -2.1443



44.7740, 39.5514, -39.2668



90.9500, 79.3976, -79.7631

Inverse Universe

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



73.6600, 2.6326, 42.3942



82.8570, 4.0145, 65.9004



112.0690, -31.5860, 4.3245



57.1360, 0.4260, 3.3887



43.3030, 4.2876, 71.6483



87.4320, 9.1540, 144.3261

Previews

White Background



This preview shows how the YUV color 74.6330, 23.3519, -23.3571 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 74.6330, 23.3519, -23.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

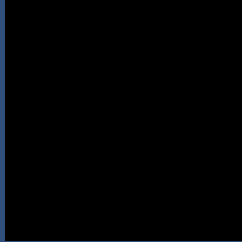
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.6330, 23.3519, -23.3571

Background



This preview shows how black text looks on a background with the YUV color 74.6330, 23.3519, -23.3571.



This preview shows how white text looks on a background with the YUV color 74.6330, 23.3519, -23.3571.

-23.3571.

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

74.6330, 23.3519, -23.3571

Protanopia

76.8300, 21.2828, -13.0059

Deuteranopia

75.8400, 22.7569, -19.1537



Tritanopia

70.5490, 10.5753, -32.0535

Trichromacy



Original Color

74.6330, 23.3519, -23.3571

Protanomaly

76.0360, 22.1673, -16.6946

Deuteranomaly

75.2420, 23.0517, -20.3832

Tritanomaly

72.1240, 15.2219, -29.0497

Monochromacy



Original Color

74.6330, 23.3519, -23.3571

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.5350, 8.6102, -8.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.6330, 23.3519, -23.3571 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(48, 79, 122)` looks like.

```
.text, #text, p{  
    color:rgb(48, 79, 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(48, 79, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 79, 122) }
```

Border

The CSS property to change the border of an element to YUV 74.6330, 23.3519, -23.3571 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(48, 79, 122) }
```


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

```
.border{ border-color:rgb(48, 79, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 79, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 79, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 79, 122);  
box-shadow:4px 4px 4px 4px rgb(48, 79,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 74.6330, 23.3519, -23.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 79, 122) }
```

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

```
.background{ background-color: rgb(48, 79,  
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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