

Converting Colors

YUV(77.2900, 6.7590, -21.3023)

Have a look what the booklet for
YUV(77.2900, 6.7590, -21.3023)
contains.

YUV(77.2900, 6.7590, -21.3023)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(77.2900, 6.7590,
-21.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	35575B
RGB	53, 87, 91
RGB Percent	21%, 34%, 36%
CMY	0.7922, 0.6588, 0.6431
CMYK	0.42, 0.04, 0.00, 0.64
HSL	186°, 26%, 28%
HSV	186°, 42%, 36%
XYZ	6.7647, 8.3286, 11.1486
YIQ	77.2900, -21.5480, -5.9640

Conversions

Conversions Part 2

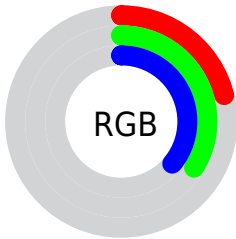
Format	Color
RYB	53, 71, 91
Decimal	3495771
CIELab	34.66, -11.15, -6.22
CIELCh	35, 12.766, 209.181
Yxy	8.3286, 0.2578, 0.3174
Android (android.graphics.Color)	4281685851 (0xFF35575B)
YUV	77.2900, 6.7590, -21.3023
Hunter-Lab	28.8593, -8.6628, -2.7026

Details

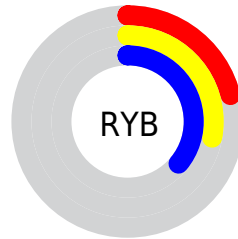
The YUV color **77.2900, 6.7590, -21.3023** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.7100, -6.7590, 21.3023**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.9910, 6.9064, -21.9171**, and **30.9800, 6.9119, -23.6615** is the 20% darker color. If you saturate the color by 10%, you get **74.0120, 8.3751, -26.3205**, and if you desaturate by 10%, it is **80.5680, 5.1430, -16.2841**.

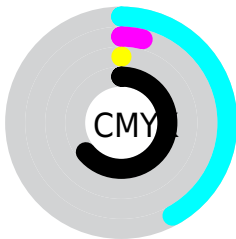
Distribution



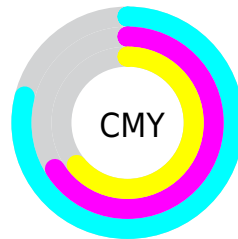
- Red (21%)
- Green (34%)
- Blue (36%)



- Red (21%)
- Yellow (28%)
- Blue (36%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (64%)



- Cyan (79%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2900, 6.7590, -21.3023 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 77.2900, 6.7590, -21.3023 by changing the saturation by 10% instead.

■ 77.2900, 6.7590,
-21.3023

■ 77.2900, 6.7590,
-21.3023

■ 255.0000, 0.0000,
0.0000

■ 53.9910, 6.9064,
-21.9171

■ 126.9910, 6.9064,
-21.9171

■ 30.9800, 6.9119,
-23.6615

■ 152.9910, 6.9064,
-21.9171

■ 15.7640, 4.5533,
-13.8250

■ 179.8060, 7.4906,
-22.6319

■ 0.0000, 0.0000,
0.0000

■ 207.5070, 7.6380,
-23.2466

■ 236.0940, 7.3487,
-23.7614

■ 249.6180, 2.6533,

-11.0660

■ 77.2900, 6.7590,
-21.3023

■ 77.2900, 6.7590,
-21.3023

■ 74.0120, 8.3751,
-26.3205

■ 80.5680, 5.1430,
-16.2841

■ 70.7340, 9.9911,
-31.3387

■ 83.8460, 3.5269,
-11.2659

■ 67.4560, 11.6072,
-36.3569

■ 87.1240, 1.9109,
-6.2477

■ 64.1780, 13.2232,
-41.3751

■ 90.4020, 0.2948,
-1.2296

■ 60.9000, 14.8393,
-46.3933

■ 93.9790, -1.4686,
4.4034

■ 57.9210, 16.3079,
-50.7967

■ 97.2570, -3.0847,
9.4216

■ 100.5350, -4.7008,
14.4398

■ 103.8130, -6.3168,
19.4580

■ 107.0910, -7.9329,
24.4762

Harmonies

Analogous

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



77.3460, 1.8014, -17.8434



77.2900, 6.7590, -21.3023



78.5230, 10.0952, -17.9987

Triad

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



77.2900, 6.7590, -21.3023



83.2060, 4.3354, 9.4663



81.1120, -9.9152, 6.9178

Complementary

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



77.2900, 6.7590, -21.3023



66.7100, -6.7590, 21.3023

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.



81.7970, -8.7739, 14.2100



77.2900, 6.7590, -21.3023



82.9850, -0.4856, 15.7992

Square

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



77.2900, 6.7590, -21.3023



82.4760, 8.1463, 0.4595



82.7310, -5.2904, 16.8989



79.9260, -7.8515, -1.6891

Rectangle

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



77.2900, 6.7590, -21.3023



80.2570, 10.2263, -13.3804



82.7310, -5.2904, 16.8989



81.8350, -9.7787, 9.7917

Sweetspot

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



77.2900, 6.7590, -21.3023



111.9280, 2.5005, -8.7069



75.7620, -9.2497, -19.9623



55.4230, 1.7635, -5.6330



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



77.2900, 6.7590, -21.3023



96.1360, 10.2860, -32.5683



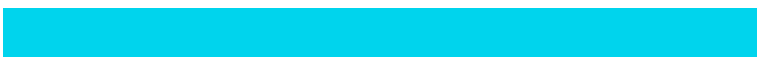
66.1370, 12.2575, -11.5211



43.9180, 1.0264, -2.5591



70.0660, 19.6875, -61.4479



151.4620, 42.1702, -132.8322

Inverse Universe

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



68.2380, 9.2497, 19.9623



82.2700, 14.1639, 30.4582



77.8630, -12.2575, 11.5211



42.9510, 1.0102, 2.6740



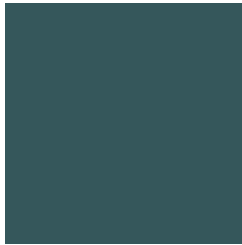
44.0620, 26.5914, 57.8276



95.0310, 57.6657, 124.5068

Previews

White Background



This preview shows how the YUV color 77.2900, 6.7590, -21.3023 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 77.2900, 6.7590, -21.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

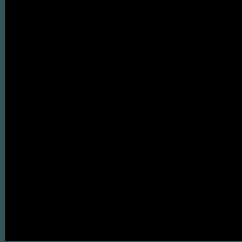
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.2900, 6.7590, -21.3023

Background



This preview shows how black text looks on a background with the YUV color 77.2900, 6.7590, -21.3023.



This preview shows how white text looks on a background with the YUV color 77.2900, 6.7590,

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

77.2900, 6.7590, -21.3023

Protanopia

81.6840, 2.6208, -0.5999

Deuteranopia

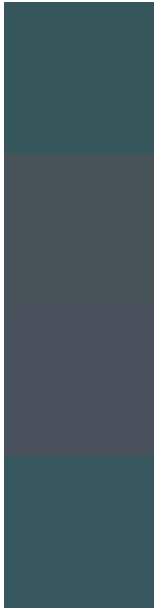
82.0910, 5.3781, 1.6742



Tritanopia

77.9310, 7.9220, -20.9875

Trichromacy



Original Color

77.2900, 6.7590, -21.3023

Protanomaly

79.9820, 3.9529, -7.8772

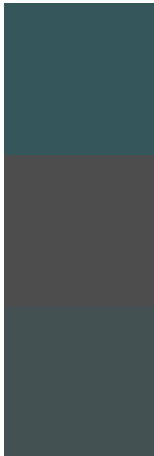
Deuteranomaly

80.4490, 5.6946, -6.5328

Tritanomaly

77.8170, 7.4852, -20.8875

Monochromacy



Original Color

77.2900, 6.7590, -21.3023

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2270, 2.3531, -8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2900, 6.7590, -21.3023 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, 87, 91)` looks like.

```
.text, #text, p{  
    color:rgb(53, 87, 91)  
}
```

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, 87, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 87, 91) }
```

Border

The CSS property to change the border of an element to YUV 77.2900, 6.7590, -21.3023 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, 87, 91) }
```


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

```
.border{ border-color:rgb(53, 87, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 87, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 87, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 87, 91);  
box-shadow:4px 4px 4px 4px rgb(53, 87, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.2900, 6.7590, -21.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 87, 91) }
```

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

```
.background{ background-color: rgb(53, 87,  
91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor