

Converting Colors

YUV(77.7910, 10.4560, 6.3223)

Have a look what the booklet for
YUV(77.7910, 10.4560, 6.3223)
contains.

YUV(77.7910, 10.4560, 6.3223)	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(77.7910, 10.4560,
6.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	554663
RGB	85, 70, 99
RGB Percent	33%, 27%, 39%
CMY	0.6667, 0.7255, 0.6118
CMYK	0.14, 0.29, 0.00, 0.61
HSL	271°, 17%, 33%
HSV	271°, 29%, 39%
XYZ	8.1886, 7.2125, 12.7649
YIQ	77.7910, -0.3690, 12.1990

Conversions

Conversions Part 2

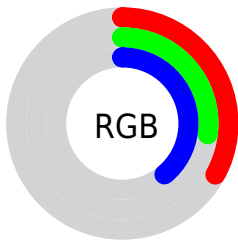
Format	Color
RYB	85, 70, 99
Decimal	5588579
CIELab	32.29, 12.70, -14.63
CIELCh	32, 19.378, 310.960
Yxy	7.2125, 0.2907, 0.2561
Android (android.graphics.Color)	4283778659 (0xFF554663)
YUV	77.7910, 10.4560, 6.3223
Hunter-Lab	26.8560, 7.4279, -9.3819

Details

The YUV color **77.7910, 10.4560, 6.3223** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **91.2090, -10.4560, -6.3223**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7310, 11.4716, 7.2519**, and **33.4380, 9.1511, 4.8779** is the 20% darker color. If you saturate the color by 10%, you get **70.4260, 14.0870, 8.3964**, and if you desaturate by 10%, it is **85.1560, 6.8251, 4.2482**.

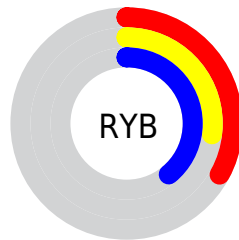
Distribution



Red (33%)

Green (27%)

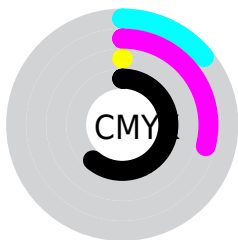
Blue (39%)



Red (33%)

Yellow (27%)

Blue (39%)

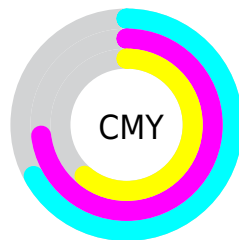


Cyan (14%)

Magenta (29%)

Yellow (0%)

Black (61%)



Cyan (67%)

Magenta (73%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.7910, 10.4560, 6.3223 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 77.7910, 10.4560, 6.3223 by changing the saturation by 10% instead.

■ 77.7910, 10.4560,
6.3223

■ 77.7910, 10.4560,
6.3223

■ 255.0000, 0.0000,
0.0000

■ 55.2640, 9.7298,
5.9075

■ 126.7310, 11.4716,
7.2519

■ 33.4380, 9.1511,
4.8779

■ 152.8450, 11.9084,
7.1519

■ 9.8130, 10.4452,
9.8110

■ 179.8450, 11.9084,
7.1519

■ 0.3420, 1.3104,
-0.2999

■ 207.2580, 12.1978,
7.6667

■ 0.0000, 0.0000,
0.0000

■ 234.9870, 9.8664,
8.7814

■ 77.7910, 10.4560,
6.3223

■ 77.7910, 10.4560,
6.3223

■ 70.4260, 14.0870,
8.3964

■ 85.1560, 6.8251,
4.2482

■ 63.0610, 17.7179,
10.4705

■ 92.5210, 3.1941,
2.1741

■ 55.9950, 21.2015,
13.1594

■ 99.5870, -0.2894,
-0.5148

■ 48.6300, 24.8324,
15.2335

■ 106.9520, -3.9203,
-2.5889

■ 41.8520, 28.1740,
16.7928

■ 114.3170, -7.5513,
-4.6630

■ 34.4870, 31.8049,
18.8669

■ 121.0950,
-10.8928, -6.2223

■ 27.4210, 35.2884,
21.5558

■ 128.1610,
-14.3764, -8.9112

■ 26.5350, 35.7252,

■ 135.5260,

21.4558

-18.0073, -10.9853

■ 142.8910,
-21.6383, -13.0594

Harmonies

Analogous

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



75.8320, 14.8728, -10.3767



77.7910, 10.4560, 6.3223



78.4460, 3.7241, 18.9029

Triad

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



77.7910, 10.4560, 6.3223



76.0270, -14.3103, 16.6393



66.6150, 7.0918, -34.7424

Complementary

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



77.7910, 10.4560, 6.3223



91.2090, -10.4560, -6.3223

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.



69.7000, -1.8241, -21.6619



77.7910, 10.4560, 6.3223



74.6620, -14.1304, 5.5584

Square

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



77.7910, 10.4560, 6.3223



76.9230, -9.8220, 23.7465



72.6110, -10.1612, -7.5518



65.8300, 14.3808, -39.3159

Rectangle

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



77.7910, 10.4560, 6.3223



77.6270, -0.8021, 24.0061



72.6110, -10.1612, -7.5518



67.8390, 4.0234, -30.5538

Sweetspot

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



77.7910, 10.4560, 6.3223



119.1620, 4.3571, 2.4889



81.5240, 8.6157, -10.1065



58.6950, 2.6154, 1.1445



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



77.7910, 10.4560, 6.3223



95.0070, 16.2655, 9.6409



81.9770, 8.3923, 14.9292



45.0540, 1.4524, 0.8296



30.1100, 40.3718, 24.4595



64.4360, 86.5531, 52.2376

Inverse Universe

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



80.2670, 1.8404, 16.4288



98.8490, 2.5394, 25.5654



87.0230, -8.3923, -14.9292



45.4240, 0.2840, 2.2592



39.6440, 7.0775, 63.4562



84.9840, 15.2909, 135.9490

Previews

White Background



This preview shows how the YUV color 77.7910, 10.4560, 6.3223 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 77.7910, 10.4560, 6.3223 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 77.7910, 10.4560, 6.3223

Background



This preview shows how black text looks on a background with the YUV color 77.7910, 10.4560, 6.3223.



This preview shows how white text looks on a background with the YUV color 77.7910, 10.4560,

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

77.7910, 10.4560, 6.3223

Protanopia

76.0990, 13.2622, -7.1028

Deuteranopia

76.7250, 10.4886, -4.1438



Tritanopia

77.0760, 1.4415, 4.3183

Trichromacy



Original Color

77.7910, 10.4560, 6.3223

Protanomaly

76.6050, 12.5197, -2.2846

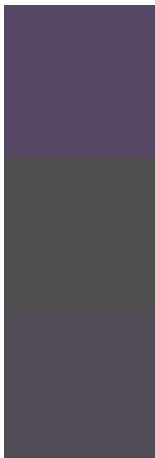
Deuteranomaly

77.0460, 10.3303, -0.0403

Tritanomaly

77.5860, 4.6411, 4.7481

Monochromacy



Original Color

77.7910, 10.4560, 6.3223

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7910, 10.4560, 6.3223 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(85, 70, 99)` looks like.

```
.text, #text, p{  
    color:rgb(85, 70, 99)  
}
```

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(85, 70, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 70, 99) }
```

Border

The CSS property to change the border of an element to YUV 77.7910, 10.4560, 6.3223 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(85, 70, 99) }
```


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

```
.border{ border-color:rgb(85, 70, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 70, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 70, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 70, 99);  
box-shadow:4px 4px 4px 4px rgb(85, 70, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.7910, 10.4560, 6.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 70, 99) }
```

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

```
.background{ background-color: rgb(85, 70,  
99) }
```

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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