

Converting Colors

YUV(78.9770, 25.1543, 5.2822)

Have a look what the booklet for
YUV(78.9770, 25.1543, 5.2822)
contains.

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Color

**YUV(78.9770, 25.1543,
5.2822)**

Conversions

Conversions Part 1	
Format	Color
Hex	554282
RGB	85, 66, 130
RGB Percent	33%, 26%, 51%
CMY	0.6667, 0.7412, 0.4902
CMYK	0.35, 0.49, 0.00, 0.49
HSL	258°, 33%, 38%
HSV	258°, 49%, 51%
XYZ	9.7238, 7.4394, 22.0425
YIQ	78.9770, -9.2200, 23.9320

Conversions

Conversions Part 2

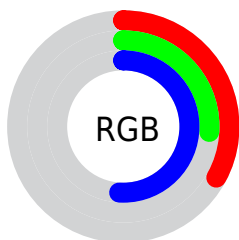
Format	Color
RYB	85, 66, 130
Decimal	5587586
CIELab	32.79, 23.56, -33.32
CIELCh	33, 40.808, 305.264
Yxy	7.4394, 0.2480, 0.1898
Android (android.graphics.Color)	4283777666 (0xFF554282)
YUV	78.9770, 25.1543, 5.2822
Hunter-Lab	27.2753, 15.9044, -28.8225

Details

The YUV color **78.9770, 25.1543, 5.2822** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **117.0230, -25.1543, -5.2822**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7430, 26.7487, 7.2414**, and **32.4990, 23.4180, 2.1934** is the 20% darker color. If you saturate the color by 10%, you get **68.6550, 30.2431, 6.4416**, and if you desaturate by 10%, it is **89.2990, 20.0656, 4.1228**.

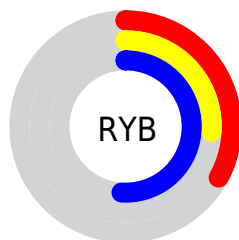
Distribution



Red (33%)

Green (26%)

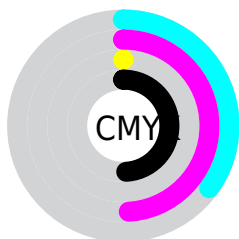
Blue (51%)



Red (33%)

Yellow (26%)

Blue (51%)

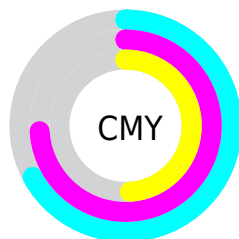


Cyan (35%)

Magenta (49%)

Yellow (0%)

Black (49%)



Cyan (67%)


Magenta (74%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the YUV color 78.9770, 25.1543, 5.2822 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 78.9770, 25.1543, 5.2822 by changing the saturation by 10% instead.


 78.9770, 25.1543,
5.2822


 78.9770, 25.1543,
5.2822


 255.0000, 0.0000,
0.0000


 55.7380, 24.2862,
3.7378


 128.7430, 26.7487,
7.2414


 32.4990, 23.4180,
2.1934


 155.2700, 27.4749,
7.6562


 10.3850, 22.9812,
2.2934


 181.9110, 28.6379,
7.9711

 5.0500, 14.2723,
-4.4289

 208.7280, 22.8121,
9.8855

 1.0260, 3.9312,
-0.8998

 233.8350, 10.4343,
13.2997

 0.0000, 0.0000,
0.0000

 252.0650, 1.4470,

2.5740

■ 78.9770, 25.1543,
5.2822

■ 78.9770, 25.1543,
5.2822

■ 68.6550, 30.2431,
6.4416

■ 89.2990, 20.0656,
4.1228

■ 58.3330, 35.3318,
7.6010

■ 99.6210, 14.9768,
2.9634

■ 48.0110, 40.4206,
8.7604

■ 109.9430, 9.8881,
1.8040

■ 37.3900, 45.6567,
9.3050

■ 120.5640, 4.6519,
1.2594

■ 27.0680, 50.7455,
10.4644

■ 130.8860, -0.4368,
0.1000

■ 26.4810, 51.0349,
10.9792

■ 141.2080, -5.5255,
-1.0594

■ 151.5300,
-10.6143, -2.2188

■ 161.8520,
-15.7030, -3.3782

■ 172.1740,
-20.7918, -4.5376

Harmonies

Analogous

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



62.4470, 38.7266, -54.7660



78.9770, 25.1543, 5.2822



78.3740, 13.1266, 36.5060

Triad

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



78.9770, 25.1543, 5.2822



73.9510, -29.0628, 35.1230



63.3520, 9.1935, -55.5597

Complementary

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



78.9770, 25.1543, 5.2822



117.0230, -25.1543, -5.2822

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.



58.4160, -4.6421, -51.2308



78.9770, 25.1543, 5.2822



71.6250, -34.8181, 14.3609

Square

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



78.9770, 25.1543, 5.2822



74.4810, -16.0131, 49.5672



68.7940, -24.5484, -12.9743



66.4130, 23.4604, -58.2442

Rectangle

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



78.9770, 25.1543, 5.2822



76.0460, 3.9213, 49.0717



68.7940, -24.5484, -12.9743



62.0980, 4.3887, -54.4599

Sweetspot

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



78.9770, 25.1543, 5.2822



148.2420, 9.7407, 2.4188



100.2980, 14.6431, -30.0793



71.9060, 5.9623, 0.9594



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



78.9770, 25.1543, 5.2822



88.9570, 38.9682, 7.9307



88.2460, 20.5847, 24.3403



58.3960, 2.7628, 0.5297



25.9540, 50.3087, 10.5643



0.0000, 0.0000, 0.0000

Inverse Universe

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



90.2660, 10.2219, 34.8467



106.5810, 15.9826, 53.8645



107.7540, -20.5847, -24.3403



59.6630, 1.1521, 3.8035



48.5320, 20.4437, 69.6934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 78.9770, 25.1543, 5.2822 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 78.9770, 25.1543, 5.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

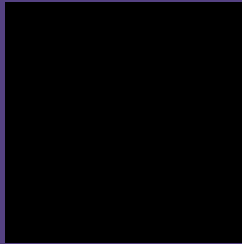
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9770, 25.1543, 5.2822

Background



This preview shows how black text looks on a background with the YUV color 78.9770, 25.1543, 5.2822.



This preview shows how white text looks on a background with the YUV color 78.9770, 25.1543,

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

78.9770, 25.1543, 5.2822

Protanopia

73.9240, 32.0825, -23.6123

Deuteranopia

73.7190, 26.2675, -25.1866



Tritanopia

77.0860, 2.9156, -1.8294

Trichromacy



Original Color
78.9770, 25.1543, 5.2822

Protanomaly
76.0070, 29.5765, -13.1611

Deuteranomaly
75.9700, 25.6508, -14.0057

Tritanomaly
77.8720, 10.9091, 0.9893

Monochromacy



Original Color
78.9770, 25.1543, 5.2822

Achromatopsia
79.0000, 0.0000, 0.0000

Achromatomaly
78.8290, 9.4513, 1.9040

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9770, 25.1543, 5.2822 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, 66, 130)` looks like.

```
.text, #text, p{  
    color:rgb(85, 66, 130)  
}
```

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, 66, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 66, 130) }
```

Border

The CSS property to change the border of an element to YUV 78.9770, 25.1543, 5.2822 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, 66, 130) }
```


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

```
.border{ border-color:rgb(85, 66, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 66, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 66, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 66, 130);  
box-shadow:4px 4px 4px 4px rgb(85, 66,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 78.9770, 25.1543, 5.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 66, 130) }
```

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

```
.background{ background-color: rgb(85, 66,  
130) }
```

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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