

Converting Colors

YUV(77.5170, 25.8741,
-39.0414)

Have a look what the booklet for
YUV(77.5170, 25.8741, -39.0414)
contains.

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Color

**YUV(77.5170, 25.8741,
-39.0414)**

Conversions

Conversions Part 1

Format	Color
Hex	215A82
RGB	33, 90, 130
RGB Percent	13%, 35%, 51%
CMY	0.8706, 0.6471, 0.4902
CMYK	0.75, 0.31, 0.00, 0.49
HSL	205°, 60%, 32%
HSV	205°, 75%, 51%
XYZ	8.3126, 9.2474, 22.4659
YIQ	77.5170, -46.8120, 0.3560

Conversions

Conversions Part 2

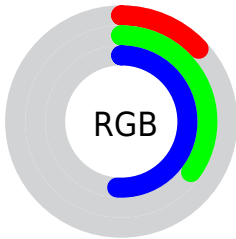
Format	Color
R_{YB}	33, 69, 130
Decimal	2185858
CIE _{Lab}	36.46, -4.16, -27.74
CIE _{LCh}	36, 28.051, 261.463
Yxy	9.2474, 0.2077, 0.2310
Android (android.graphics.Color)	4280375938 (0xFF215A82)
YUV	77.5170, 25.8741, -39.0414
Hunter-Lab	30.4095, -4.4225, -22.5156

Details

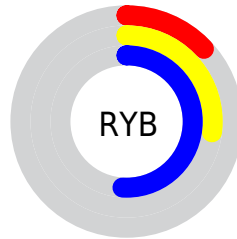
The YUV color **77.5170, 25.8741, -39.0414** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **85.4830, -25.8741, 39.0414**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.2510, 26.0053, -34.4231**, and **35.5350, 21.9212, -31.1642** is the 20% darker color. If you saturate the color by 10%, you get **70.6950, 29.2374, -44.4595**, and if you desaturate by 10%, it is **84.3390, 22.5109, -33.6233**.

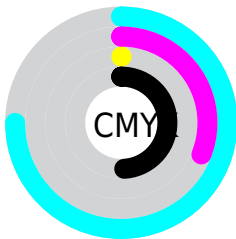
Distribution



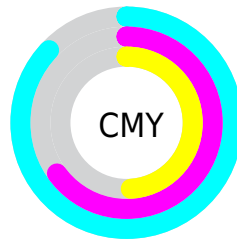
- Red (13%)
- Green (35%)
- Blue (51%)



- Red (13%)
- Yellow (27%)
- Blue (51%)



- Cyan (75%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (87%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.5170, 25.8741, -39.0414 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 77.5170, 25.8741, -39.0414 by changing the saturation by 10% instead.

■ 77.5170, 25.8741,
-39.0414

■ 77.5170, 25.8741,
-39.0414

■ 255.0000, 0.0000,
0.0000

■ 51.2990, 26.4746,
-44.9892

■ 130.2510, 26.0053,
-34.4231

■ 35.5350, 21.9212,
-31.1642

■ 157.0770, 26.5840,
-33.3935

■ 21.1730, 17.6627,
-18.5687

■ 184.1910, 27.0208,
-33.4935

■ 5.1640, 14.7091,
-4.5288

■ 210.8230, 21.7793,
-32.2938

■ 1.2540, 4.8048,
-1.0998

■ 236.5170, 9.1121,
-29.3944

■ 0.0000, 0.0000,
0.0000

■ 248.1230, 3.3904,

-14.1399

■ 77.5170, 25.8741,
-39.0414

■ 77.5170, 25.8741,
-39.0414

■ 70.6950, 29.2374,
-44.4595

■ 84.3390, 22.5109,
-33.6233

■ 63.2860, 32.8900,
-49.3628

■ 91.7480, 18.8582,
-28.7200

■ 59.4320, 34.7900,
-52.1219

■ 98.5700, 15.4950,
-23.3019

■ 105.3920, 12.1317,
-17.8838

■ 112.8010, 8.4791,
-12.9805

■ 119.6230, 5.1159,
-7.5624

■ 127.0320, 1.4632,
-2.6591

■ 133.8540, -1.9000,
2.7590

■ 140.6760, -5.2633,
8.1771

Harmonies

Analogous

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



69.4450, 24.9236, -60.9033



77.5170, 25.8741, -39.0414



86.0480, 20.6823, -7.0581

Triad

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



77.5170, 25.8741, -39.0414



86.4670, -8.1182, 37.3014



78.7190, -10.7075, -19.0476

Complementary

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



77.5170, 25.8741, -39.0414



85.4830, -25.8741, 39.0414

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.



81.9620, -19.2083, 0.9103



77.5170, 25.8741, -39.0414



85.4310, -16.9745, 31.1940

Square

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



77.5170, 25.8741, -39.0414



87.8930, 2.5178, 32.5428



84.2030, -21.2991, 18.2390



71.5120, 3.1986, -46.0530

Rectangle

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



77.5170, 25.8741, -39.0414



88.4800, 15.5394, 9.2260



84.2030, -21.2991, 18.2390



80.4380, -14.5129, -11.7851

Sweetspot

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



77.5170, 25.8741, -39.0414



148.1320, 9.7949, -15.0248



94.3850, -11.0358, -53.8346



72.1390, 5.8475, -8.8919



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.



77.5170, 25.8741, -39.0414



86.4570, 40.2007, -60.9138



49.9280, 39.4755, -14.8459



60.1460, 1.9000, -2.7590



58.6170, 34.2058, -51.4071



0.0000, 0.0000, 0.0000

Inverse Universe

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



68.5010, 10.5990, 53.9346



72.2950, 16.6166, 83.9333



113.0720, -39.4755, 14.8459



59.5490, 0.7153, 3.9035



46.8220, 13.8918, 71.1931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 77.5170, 25.8741, -39.0414 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 77.5170, 25.8741, -39.0414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

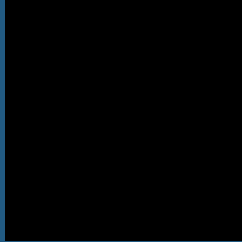
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.5170, 25.8741, -39.0414

Background



This preview shows how black text looks on a background with the YUV color 77.5170, 25.8741, -39.0414.



This preview shows how white text looks on a background with the YUV color 77.5170, 25.8741,

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

77.5170, 25.8741, -39.0414

Protanopia

85.0860, 19.6776, -11.4764

Deuteranopia

83.6660, 23.3357, -18.1241



Tritanopia

67.5070, 17.4980, -59.2036

Trichromacy



Original Color

77.5170, 25.8741, -39.0414

Protanomaly

82.3020, 22.0361, -21.3129

Deuteranomaly

81.5510, 24.3784, -25.9162

Tritanomaly

71.0610, 20.6759, -51.7965

Monochromacy



Original Color

77.5170, 25.8741, -39.0414

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7300, 9.5001, -13.7952

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.5170, 25.8741, -39.0414 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(33, 90, 130)` looks like.

```
.text, #text, p{  
    color:rgb(33, 90, 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(33, 90, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 90, 130) }
```

Border

The CSS property to change the border of an element to YUV 77.5170, 25.8741, -39.0414 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(33, 90, 130) }
```


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

```
.border{ border-color:rgb(33, 90, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 90, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 90, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 90, 130);  
box-shadow:4px 4px 4px 4px rgb(33, 90,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 77.5170, 25.8741, -39.0414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 90, 130) }
```

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

```
.background{ background-color: rgb(33, 90,  
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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