

Converting Colors

YUV(77.0790, 64.0511,
-10.5933)

Have a look what the booklet for
YUV(77.0790, 64.0511, -10.5933)
contains.

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Color

**YUV(77.0790, 64.0511,
-10.5933)**

Conversions

Conversions Part 1

Format	Color
Hex	413ACF
RGB	65, 58, 207
RGB Percent	25%, 23%, 81%
CMY	0.7451, 0.7725, 0.1882
CMYK	0.69, 0.72, 0.00, 0.19
HSL	243°, 61%, 52%
HSV	243°, 72%, 81%
XYZ	14.9555, 8.6549, 59.9138
YIQ	77.0790, -43.6570, 47.8230

Conversions

Conversions Part 2

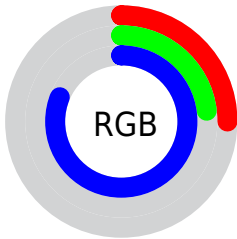
Format	Color
R _{YB}	65, 58, 207
Decimal	4274895
CIE Lab	35.31, 48.76, -75.42
CIE LCh	35, 89.814, 302.885
Yxy	8.6549, 0.1791, 0.1036
Android (android.graphics.Color)	4282464975 (0xFF413ACF)
YUV	77.0790, 64.0511, -10.5933
Hunter-Lab	29.4193, 39.2582, -100.1536

Details

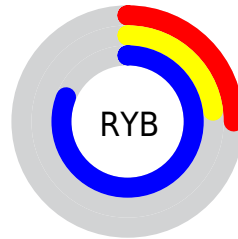
The YUV color **77.0790, 64.0511, -10.5933** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **187.9210, -64.0511, 10.5933**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.0480, 61.1083, -0.0421**, and **23.6710, 62.7732, -20.7595** is the 20% darker color. If you saturate the color by 10%, you get **58.7720, 73.0764, -12.0780**, and if you desaturate by 10%, it is **95.3860, 55.0257, -9.1085**.

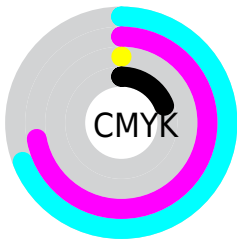
Distribution



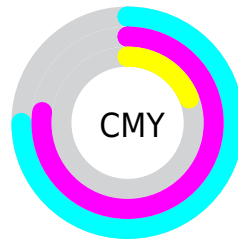
- Red (25%)
- Green (23%)
- Blue (81%)



- Red (25%)
- Yellow (23%)
- Blue (81%)



- Cyan (69%)
- Magenta (72%)
- Yellow (0%)
- Black (19%)



- Cyan (75%)
- Magenta (77%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0790, 64.0511, -10.5933 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 77.0790, 64.0511, -10.5933 by changing the saturation by 10% instead.

■ 77.0790, 64.0511,
-10.5933

■ 77.0790, 64.0511,
-10.5933

■ 255.0000, 0.0000,
0.0000

■ 44.8380, 66.1419,
-27.9219

■ 131.0480, 61.1083,
-0.0421

■ 23.6710, 62.7732,
-20.7595

■ 155.2800, 49.1620,
5.0164

■ 14.1360, 54.1630,
-12.3973

■ 179.8110, 37.0682,
10.6898

■ 11.1720, 42.8062,
-9.7978

■ 205.2170, 24.5430,
14.7187

■ 13.6050, 29.2817,
-11.9316

■ 230.9220, 11.8705,
19.3624

■ 8.0480, 20.6823,
-7.0581

■ 247.9560, 3.4727,

■ 4.3660, 11.6516,

6.1776

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 77.0790, 64.0511,
-10.5933

■ 77.0790, 64.0511,
-10.5933

■ 58.7720, 73.0764,
-12.0780

■ 95.3860, 55.0257,
-9.1085

■ 41.3510, 81.6650,
-13.4628

■ 112.8070, 46.4371,
-7.7237

■ 26.5880, 88.9431,
-14.5477

■ 131.1140, 37.4118,
-6.2390

■ 149.4210, 28.3864,
-4.7542

■ 167.7280, 19.3611,
-3.2695

■ 185.1490, 10.7725,
-1.8847

■ 203.4560, 1.7472,
-0.3999

■ 221.7630, -7.2782,
1.0848

■ 239.4830,
-16.0141, 3.0844

Harmonies

Analogous

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



80.9250, 73.9870, -70.9712



77.0790, 64.0511, -10.5933



67.3320, 40.7553, 88.2858

Triad

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



77.0790, 64.0511, -10.5933



73.3250, -36.1492, 68.1210



73.5420, 7.6208, -64.4963

Complementary

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



77.0790, 64.0511, -10.5933



187.9210, -64.0511, 10.5933

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.



61.6350, -30.3861, -54.0539



77.0790, 64.0511, -10.5933



77.4250, -38.1705, 16.2903

Square

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



77.0790, 64.0511, -10.5933



57.1240, -24.2181, 114.7783



58.1130, -28.6497, -50.9651



82.3370, 38.7809, -72.2095

Rectangle

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



77.0790, 64.0511, -10.5933



69.5630, 16.9774, 108.2542



58.1130, -28.6497, -50.9651



69.9910, -3.4466, -61.3821

Sweetspot

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



77.0790, 64.0511, -10.5933



206.2810, 24.0185, -3.7544



159.5140, 23.4106, -89.0278



98.4740, 14.5563, -2.1697



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



77.0790, 64.0511, -10.5933



63.9560, 94.1847, -15.7474



98.6070, 53.4377, 33.6707



95.5530, 4.6574, -0.4850



21.5440, 72.2028, -11.8781



5.2720, 17.6139, -2.8695

Inverse Universe

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



118.7390, 40.0617, 77.4049



125.3070, 59.0086, 113.7408



166.3930, -53.4377, -33.6707



98.4290, 2.7465, 5.7628



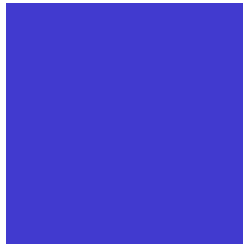
68.4720, 45.1233, 87.2861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 77.0790, 64.0511, -10.5933 looks on a white background.

Color Contrast Check

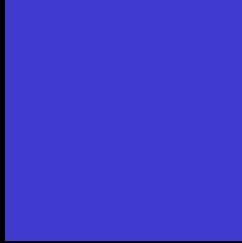
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.0790, 64.0511, -10.5933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

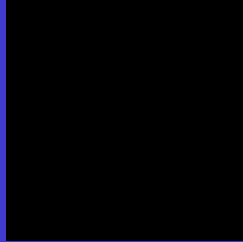
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.0790, 64.0511, -10.5933

Background



This preview shows how black text looks on a background with the YUV color 77.0790, 64.0511, -10.5933.



This preview shows how white text looks on a background with the YUV color 77.0790, 64.0511, -10.5933.

-10.5933.

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

77.0790, 64.0511, -10.5933

Protanopia

66.1120, 50.2308, -57.9802

Deuteranopia

66.3110, 38.3007, -58.1547



Tritanopia

65.1760, 16.1822, -57.1594

Trichromacy



Original Color

77.0790, 64.0511, -10.5933

Protanomaly

70.1880, 55.1233, -40.5069

Deuteranomaly

70.2390, 47.7032, -40.5516

Tritanomaly

69.8680, 33.5891, -40.2262

Monochromacy



Original Color

77.0790, 64.0511, -10.5933

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0530, 23.1449, -3.5545

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0790, 64.0511, -10.5933 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(65, 58, 207)` looks like.

```
.text, #text, p{  
    color:rgb(65, 58, 207)  
}
```

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(65, 58, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 58, 207) }
```

Border

The CSS property to change the border of an element to YUV 77.0790, 64.0511, -10.5933 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(65, 58, 207) }
```


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

```
.border{ border-color:rgb(65, 58, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 58, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 58, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 58, 207);  
box-shadow:4px 4px 4px 4px rgb(65, 58,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 77.0790, 64.0511, -10.5933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 58, 207) }
```

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

```
.background{ background-color: rgb(65, 58,  
207) }
```

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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