

Converting Colors

YUV(85.5990, 31.7497,
-10.1723)

Have a look what the booklet for
YUV(85.5990, 31.7497, -10.1723)
contains.

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Color

**YUV(85.5990, 31.7497,
-10.1723)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4F96
RGB	74, 79, 150
RGB Percent	29%, 31%, 59%
CMY	0.7098, 0.6902, 0.4118
CMYK	0.51, 0.47, 0.00, 0.41
HSL	236°, 34%, 44%
HSV	236°, 51%, 59%
XYZ	11.1250, 9.2498, 30.0532
YIQ	85.5990, -25.7710, 21.0210

Conversions

Conversions Part 2

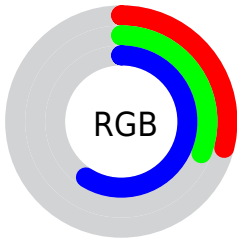
Format	Color
R_{YB}	74, 79, 150
Decimal	4870038
CIE _{Lab}	36.46, 18.46, -39.77
CIE _{LCh}	36, 43.843, 294.897
Yxy	9.2498, 0.2206, 0.1834
Android (android.graphics.Color)	4283060118 (0xFF4A4F96)
YUV	85.5990, 31.7497, -10.1723
Hunter-Lab	30.4135, 12.0704, -37.2981

Details

The YUV color **85.5990, 31.7497, -10.1723** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.4010, -31.7497, 10.1723**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4790, 33.7809, -8.3131**, and **36.2020, 30.4664, -18.5942** is the 20% darker color. If you saturate the color by 10%, you get **72.8960, 38.0123, -12.1868**, and if you desaturate by 10%, it is **98.3020, 25.4871, -8.1579**.

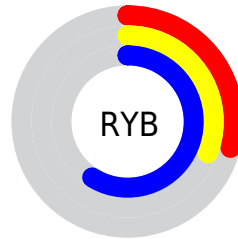
Distribution



Red (29%)

Green (31%)

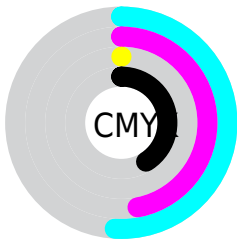
Blue (59%)



Red (29%)

Yellow (31%)

Blue (59%)

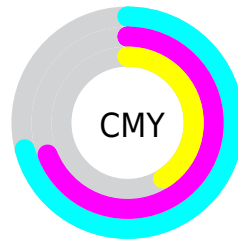


Cyan (51%)

Magenta (47%)

Yellow (0%)

Black (41%)



Cyan (71%)

Magenta (69%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5990, 31.7497, -10.1723 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 85.5990, 31.7497, -10.1723 by changing the saturation by 10% instead.

■ 85.5990, 31.7497,
-10.1723

■ 85.5990, 31.7497,
-10.1723

■ 255.0000, 0.0000,
0.0000

■ 61.0610, 31.0289,
-12.3315

■ 136.4790, 33.7809,
-8.3131

■ 36.2020, 30.4664,
-18.5942

■ 163.3050, 34.3596,
-7.2835

■ 17.2410, 27.9822,
-15.1204

■ 190.0340, 32.0282,
-6.1688

■ 6.9880, 21.6979,
-6.1285

■ 214.2550, 20.0873,
-2.8546

■ 4.4800, 12.0884,
-3.9290

■ 239.3620, 7.7095,
0.5595

■ 0.0000, 0.0000,
0.0000

■ 85.5990, 31.7497,
-10.1723

■ 85.5990, 31.7497,
-10.1723

■ 72.8960, 38.0123,
-12.1868

■ 98.3020, 25.4871,
-8.1579

■ 60.1930, 44.2749,
-14.2013

■ 111.0050, 19.2245,
-6.1434

■ 47.4900, 50.5374,
-16.2157

■ 123.7080, 12.9620,
-4.1289

■ 34.7870, 56.8000,
-18.2302

■ 136.4110, 6.6994,
-2.1144

■ 22.9700, 62.6258,
-20.1447


■ 149.1140, 0.4368,
-0.1000

■ 161.8170, -5.8258,
1.9145

■ 174.5200,
-12.0884, 3.9290

■ 187.2230,

-18.3509, 5.9434

 199.9260,
-24.6135, 7.9579

Harmonies

Analogous

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



71.7880, 41.5165, -62.9581



85.5990, 31.7497, -10.1723



87.9370, 19.2581, 29.8733

Triad

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



85.5990, 31.7497, -10.1723



83.0600, -27.6376, 44.6744



68.7660, 4.5524, -60.3078

Complementary

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



85.5990, 31.7497, -10.1723



138.4010, -31.7497, 10.1723

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.



69.8920, -13.2578, -41.1243



85.5990, 31.7497, -10.1723



80.7680, -38.3396, 23.8825

Square

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



85.5990, 31.7497, -10.1723



82.5620, -12.1091, 57.3891



78.3840, -32.7273, -2.9678



72.8700, 20.2771, -63.9070

Rectangle

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



85.5990, 31.7497, -10.1723



85.5280, 9.5997, 47.7719



78.3840, -32.7273, -2.9678



66.8110, -0.3998, -58.5932

Sweetspot

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



85.5990, 31.7497, -10.1723



169.4800, 12.0884, -3.9290



126.7060, 9.0189, -46.2232



82.2260, 7.2836, -2.8292



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



85.5990, 31.7497, -10.1723



93.5610, 49.5164, -15.4010



92.5310, 28.3322, 12.6893



67.7980, 3.0576, -0.6998



21.0150, 57.6736, -18.4302



1.7270, 4.0786, -1.5146

Inverse Universe

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



97.2940, -9.0189, 46.2232



112.0800, -14.3364, 71.8438



131.4690, -28.3322, -12.6893



69.0930, -1.0318, 4.3034



42.2880, -16.4110, 83.9394



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 85.5990, 31.7497, -10.1723 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 85.5990, 31.7497, -10.1723 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 85.5990, 31.7497, -10.1723

Background



This preview shows how black text looks on a background with the YUV color 85.5990, 31.7497, -10.1723.



This preview shows how white text looks on a background with the YUV color 85.5990, 31.7497, -10.1723.

-10.1723.

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

85.5990, 31.7497, -10.1723

Protanopia

81.5260, 35.7297, -26.7713

Deuteranopia

78.7050, 34.1624, -37.4523



Tritanopia

81.9310, 7.9220, -20.9875

Trichromacy



Original Color

85.5990, 31.7497, -10.1723

Protanomaly

83.2170, 34.4030, -21.2383

Deuteranomaly

81.2440, 33.4037, -27.4010

Tritanomaly

83.5430, 16.4943, -17.1392

Monochromacy



Original Color

85.5990, 31.7497, -10.1723

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.6650, 11.5042, -3.2142

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5990, 31.7497, -10.1723 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(74, 79, 150)` looks like.

```
.text, #text, p{  
    color:rgb(74, 79, 150)  
}
```

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(74, 79, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 79, 150) }
```

Border

The CSS property to change the border of an element to YUV 85.5990, 31.7497, -10.1723 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(74, 79, 150) }
```


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

```
.border{ border-color:rgb(74, 79, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 79, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 79, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 79, 150);  
box-shadow:4px 4px 4px 4px rgb(74, 79,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 85.5990, 31.7497, -10.1723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 79, 150) }
```

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

```
.background{ background-color: rgb(74, 79,  
150) }
```

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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