

Converting Colors

YUV(77.4590, 20.4797,
-35.4825)

Have a look what the booklet for
YUV(77.4590, 20.4797, -35.4825)
contains.

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Color

**YUV(77.4590, 20.4797,
-35.4825)**

Conversions

Conversions Part 1

Format	Color
Hex	255A77
RGB	37, 90, 119
RGB Percent	15%, 35%, 47%
CMY	0.8549, 0.6471, 0.5333
CMYK	0.69, 0.24, 0.00, 0.53
HSL	201°, 53%, 31%
HSV	201°, 69%, 47%
XYZ	7.7489, 9.0376, 18.7888
YIQ	77.4590, -40.8970, -2.2170

Conversions

Conversions Part 2

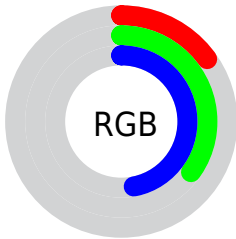
Format	Color
R _Y B	37, 69, 119
Decimal	2447991
CIE Lab	36.06, -7.58, -21.59
CIE LCh	36, 22.884, 250.667
Yxy	9.0376, 0.2178, 0.2540
Android (android.graphics.Color)	4280638071 (0xFF255A77)
YUV	77.4590, 20.4797, -35.4825
Hunter-Lab	30.0625, -6.5994, -16.0119

Details

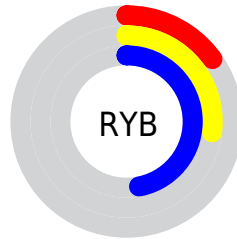
The YUV color **77.4590, 20.4797, -35.4825** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **78.5410, -20.4797, 35.4825**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1820, 20.6163, -32.6086**, and **34.3950, 17.5533, -30.1644** is the 20% darker color. If you saturate the color by 10%, you get **71.5230, 23.4062, -40.8007**, and if you desaturate by 10%, it is **83.3950, 17.5533, -30.1644**.

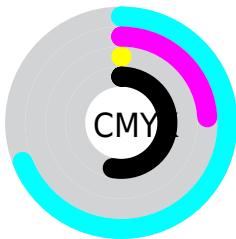
Distribution



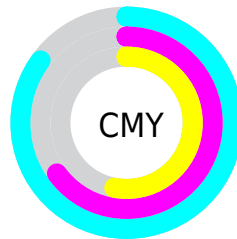
- Red (15%)
- Green (35%)
- Blue (47%)



- Red (15%)
- Yellow (27%)
- Blue (47%)



- Cyan (69%)
- Magenta (24%)
- Yellow (0%)
- Black (53%)



- Cyan (85%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.4590, 20.4797, -35.4825 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 77.4590, 20.4797, -35.4825 by changing the saturation by 10% instead.

■ 77.4590, 20.4797,
-35.4825

■ 77.4590, 20.4797,
-35.4825

■ 255.0000, 0.0000,
0.0000

■ 50.0450, 21.6698,
-43.8895

■ 129.1820, 20.6163,
-32.6086

■ 34.3950, 17.5533,
-30.1644

■ 155.7090, 21.3425,
-32.1938

■ 19.5600, 14.0209,
-17.1541

■ 182.8230, 21.7793,
-32.2938

■ 3.6650, 11.5042,
-3.2142

■ 210.8230, 21.7793,
-32.2938

■ 0.0000, 0.0000,
0.0000

■ 236.2180, 9.2595,
-30.0092

■ 247.8240, 3.5378,

-14.7546

■ 77.4590, 20.4797,
-35.4825

■ 77.4590, 20.4797,
-35.4825

■ 71.5230, 23.4062,
-40.8007

■ 83.3950, 17.5533,
-30.1644

■ 65.5870, 26.3326,
-46.1188

■ 89.3310, 14.6268,
-24.8463

■ 59.0640, 29.5484,
-50.9221

■ 95.8540, 11.4110,
-20.0430

■ 58.7650, 29.6959,
-51.5369

■ 101.7900, 8.4845,
-14.7248

■ 107.7260, 5.5581,
-9.4067

■ 113.3630, 2.7790,
-4.7034

■ 119.2990, -0.1474,
0.6148

■ 125.8220, -3.3632,
5.4181

■ 131.7580, -6.2897,
10.7362

Harmonies

Analogous

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



68.6970, 19.3764, -54.9853



77.4590, 20.4797, -35.4825



83.7330, 18.3726, -12.9208

Triad

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



77.4590, 20.4797, -35.4825



86.5630, -3.7286, 29.3242



80.7310, -12.1924, -9.4111

Complementary

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



77.4590, 20.4797, -35.4825



78.5410, -20.4797, 35.4825

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.



82.8640, -17.1880, 6.2583



77.4590, 20.4797, -35.4825



85.7880, -11.7275, 28.2499

Square

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



77.4590, 20.4797, -35.4825



87.1090, 4.8763, 22.7064



84.6530, -17.0839, 19.5983



77.4390, -2.6814, -26.6950

Rectangle

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



77.4590, 20.4797, -35.4825



86.1970, 14.6929, 0.7042



84.6530, -17.0839, 19.5983



81.3080, -13.9558, -3.7781

Sweetspot

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



77.4590, 20.4797, -35.4825



139.0890, 8.3371, -14.1101



88.4400, -11.0629, -45.1129



68.9110, 4.9739, -8.6919



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



77.4590, 20.4797, -35.4825



90.1280, 32.4749, -56.2403



53.3920, 32.3447, -14.3758



56.0320, 1.4632, -2.6591



60.2810, 30.4275, -52.8664



123.5940, 62.3182, -108.3919

Inverse Universe

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



67.5600, 11.0629, 45.1129



74.4460, 17.5281, 71.5229



102.6080, -32.3447, 14.3758



55.2500, 0.8628, 3.2888



45.4840, 16.5234, 67.1045



93.2180, 33.9095, 137.4978

Previews

White Background



This preview shows how the YUV color 77.4590, 20.4797, -35.4825 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 77.4590, 20.4797, -35.4825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

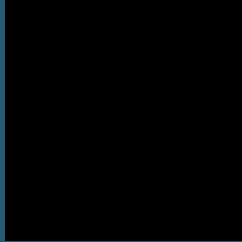
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.4590, 20.4797, -35.4825

Background



This preview shows how black text looks on a background with the YUV color 77.4590, 20.4797, -35.4825.



This preview shows how white text looks on a background with the YUV color 77.4590, 20.4797,

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

77.4590, 20.4797, -35.4825

Protanopia

84.4410, 14.5726, -7.4028

Deuteranopia

84.2170, 17.6410, -11.5913



Tritanopia

73.5800, 13.5181, -42.6047

Trichromacy



Original Color

77.4590, 20.4797, -35.4825

Protanomaly

82.2440, 16.6417, -17.7540

Deuteranomaly

81.8030, 18.8311, -19.9982

Tritanomaly

74.9870, 16.2754, -40.3306

Monochromacy



Original Color

77.4590, 20.4797, -35.4825

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1600, 7.3161, -13.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.4590, 20.4797, -35.4825 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(37, 90, 119)` looks like.

```
.text, #text, p{  
    color:rgb(37, 90, 119)  
}
```

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(37, 90, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 90, 119) }
```

Border

The CSS property to change the border of an element to YUV 77.4590, 20.4797, -35.4825 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(37, 90, 119) }
```


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

```
.border{ border-color:rgb(37, 90, 119) }
```

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

Here you see how a box with a 4 pixel rgb(37, 90, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 90, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 90, 119);  
box-shadow:4px 4px 4px 4px rgb(37, 90,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 77.4590, 20.4797, -35.4825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 90, 119) }
```

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

```
.background{ background-color: rgb(37, 90,  
119) }
```

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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