

Converting Colors

YUV(84.4600, 35.7622,
-37.2374)

Have a look what the booklet for
YUV(84.4600, 35.7622, -37.2374)
contains.

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Color

**YUV(84.4600, 35.7622,
-37.2374)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5C9D
RGB	42, 92, 157
RGB Percent	16%, 36%, 62%
CMY	0.8353, 0.6392, 0.3843
CMYK	0.73, 0.41, 0.00, 0.38
HSL	214°, 58%, 39%
HSV	214°, 73%, 62%
XYZ	10.8678, 10.5809, 33.3678
YIQ	84.4600, -50.6650, 9.6150

Conversions

Conversions Part 2

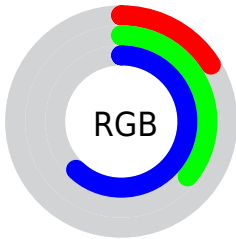
Format	Color
R_{YB}	42, 77, 157
Decimal	2776221
CIE Lab	38.87, 6.19, -40.24
CIE LCh	39, 40.718, 278.749
Yxy	10.5809, 0.1983, 0.1930
Android (android.graphics.Color)	4280966301 (0xFF2A5C9D)
YUV	84.4600, 35.7622, -37.2374
Hunter-Lab	32.5282, 2.7131, -38.0506




Details

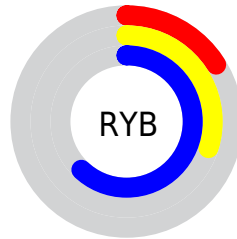
The YUV color **84.4600, 35.7622, -37.2374** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **114.5400, -35.7622, 37.2374**, and the grayscale version is **84.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **138.0200, 36.4721, -31.5895**, and **39.5590, 32.2624, -34.6932** is the 20% darker color. If you saturate the color by 10%, you get **74.3930, 40.7253, -42.4407**, and if you desaturate by 10%, it is **94.5270, 30.7992, -32.0342**.

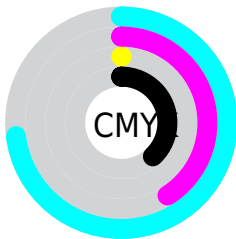
Distribution







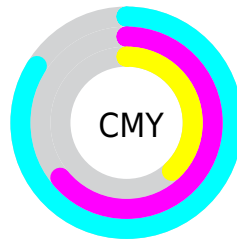
-  Red (16%)
-  Green (36%)
-  Blue (62%)






-  Red (16%)
-  Yellow (30%)
-  Blue (62%)



-  Cyan (73%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (84%)
-  Magenta (64%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.4600, 35.7622, -37.2374 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 84.4600, 35.7622, -37.2374 by changing the saturation by 10% instead.

■ 84.4600, 35.7622,
-37.2374

■ 84.4600, 35.7622,
-37.2374

■ 255.0000, 0.0000,
0.0000

■ 55.4370, 37.2526,
-48.6182

■ 138.0200, 36.4721,
-31.5895

■ 39.5590, 32.2624,
-34.6932

■ 165.2590, 37.3403,
-30.0451

■ 24.9690, 27.1303,
-21.8978

■ 191.0760, 31.5145,
-28.1307

■ 8.8460, 23.7399,
-7.7579

■ 216.1830, 19.1368,
-24.7165

■ 5.1640, 14.7091,
-4.5288

■ 241.8770, 6.4696,
-21.8171

■ 1.0260, 3.9312,
-0.8998

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 84.4600, 35.7622,
-37.2374

■ 84.4600, 35.7622,
-37.2374

■ 74.3930, 40.7253,
-42.4407

■ 94.5270, 30.7992,
-32.0342

■ 64.6250, 45.5409,
-47.0291

■ 104.2950, 25.9836,
-27.4457

■ 57.8140, 48.8987,
-50.7029

■ 114.3620, 21.0205,
-22.2425

■ 123.8420, 16.3469,
-16.5244

■ 133.9090, 11.3839,
-11.3212

■ 143.6770, 6.5682,
-6.7327

■ 153.7440, 1.6052,
-1.5295

■ 163.8110, -3.3578,
3.6738

■ 173.5790, -8.1734,
8.2622

Harmonies

Analogous

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



76.7290, 37.6016, -67.2913



84.4600, 35.7622, -37.2374



94.3690, 23.9751, 10.2004

Triad

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



84.4600, 35.7622, -37.2374



89.7970, -18.6339, 50.1670



69.7460, -1.8468, -61.1672

Complementary

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



84.4600, 35.7622, -37.2374



114.5400, -35.7622, 37.2374

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.



82.6410, -22.5010, -16.3482



84.4600, 35.7622, -37.2374



88.8970, -30.5152, 34.2933

Square

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



84.4600, 35.7622, -37.2374



90.7170, -3.8045, 53.7452



86.6570, -33.3549, 11.7018



74.9100, 12.8624, -65.6961

Rectangle

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



84.4600, 35.7622, -37.2374



93.7370, 15.9057, 31.8027



86.6570, -33.3549, 11.7018



76.6900, -10.2002, -41.8241

Sweetspot

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



84.4600, 35.7622, -37.2374



175.8700, 13.8681, -14.7950



116.6870, -5.7617, -65.5005



85.1220, 8.3209, -8.8770



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



84.4600, 35.7622, -37.2374



90.8930, 55.7618, -58.6652



56.9040, 49.3473, -7.8088



74.2600, 2.3368, -2.8590



52.6960, 44.5199, -46.2144



5.8190, 4.5262, -5.1033

Inverse Universe

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



82.0850, 4.8881, 65.7005



86.8260, 7.9738, 102.7616



142.0960, -49.3473, 7.8088



73.8480, 0.5679, 4.5183



49.8250, 6.0023, 81.7145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 84.4600, 35.7622, -37.2374 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 × Fail

Black Background



This preview shows how the YUV color 84.4600, 35.7622, -37.2374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

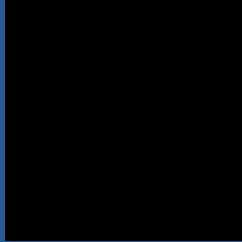
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.4600, 35.7622, -37.2374

Background



This preview shows how black text looks on a background with the YUV color 84.4600, 35.7622, -37.2374.



This preview shows how white text looks on a background with the YUV color 84.4600, 35.7622,

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

84.4600, 35.7622, -37.2374

Protanopia

88.6360, 32.2245, -22.4828

Deuteranopia

84.1610, 35.9096, -37.8522



Tritanopia

71.7130, 18.3825, -62.8923

Trichromacy



Original Color

84.4600, 35.7622, -37.2374

Protanomaly

86.9450, 33.5511, -28.0158

Deuteranomaly

84.1610, 35.9096, -37.8522

Tritanomaly

76.3750, 24.4651, -53.8259

Monochromacy



Original Color

84.4600, 35.7622, -37.2374

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.3540, 13.1365, -13.4655

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.4600, 35.7622, -37.2374 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(42, 92, 157)` looks like.

```
.text, #text, p{  
    color:rgb(42, 92, 157)  
}
```

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(42, 92, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 92, 157) }
```

Border

The CSS property to change the border of an element to YUV 84.4600, 35.7622, -37.2374 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(42, 92, 157) }
```


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

```
.border{ border-color:rgb(42, 92, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 92, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 92, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 92, 157);  
box-shadow:4px 4px 4px 4px rgb(42, 92,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 84.4600, 35.7622, -37.2374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 92, 157) }
```

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

```
.background{ background-color: rgb(42, 92,  
157) }
```

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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