

Converting Colors

YUV(89.8500, 57.7550,
-44.5954)

Have a look what the booklet for
YUV(89.8500, 57.7550, -44.5954)
contains.

YUV(89.8500, 57.7550, -44.5954)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(89.8500, 57.7550,
-44.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	275DCF
RGB	39, 93, 207
RGB Percent	15%, 36%, 81%
CMY	0.8471, 0.6353, 0.1882
CMYK	0.81, 0.55, 0.00, 0.19
HSL	221°, 68%, 48%
HSV	221°, 81%, 81%
XYZ	16.0135, 12.7650, 60.6514
YIQ	89.8500, -68.7780, 24.0060

Conversions

Conversions Part 2

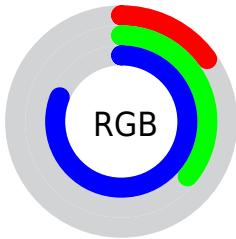
Format	Color
R _Y B	39, 80, 207
Decimal	2579919
CIE _{Lab}	42.41, 24.40, -63.86
CIE _{LCh}	42, 68.361, 290.912
Y _{xy}	12.7650, 0.1791, 0.1427
Android (android.graphics.Color)	4280769999 (0xFF275DCF)
Y _{UV}	89.8500, 57.7550, -44.5954
Hunter-Lab	35.7282, 17.4802, -75.6397

Details

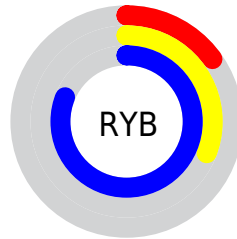
The YUV color **89.8500, 57.7550, -44.5954** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **156.1500, -57.7550, 44.5954**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4990, 53.4910, -30.2556**, and **45.5040, 52.5025, -39.9070** is the 20% darker color. If you saturate the color by 10%, you get **75.3530, 64.9020, -50.2986**, and if you desaturate by 10%, it is **104.3470, 50.6079, -38.8923**.

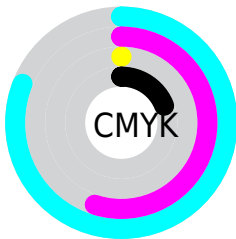
Distribution



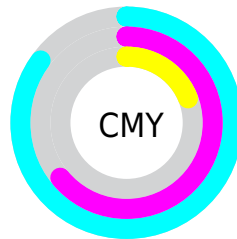
- Red (15%)
- Green (36%)
- Blue (81%)



- Red (15%)
- Yellow (31%)
- Blue (81%)



- Cyan (81%)
- Magenta (55%)
- Yellow (0%)
- Black (19%)



- Cyan (85%)
- Magenta (64%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8500, 57.7550, -44.5954 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 89.8500, 57.7550, -44.5954 by changing the saturation by 10% instead.

■ 89.8500, 57.7550,
-44.5954

■ 89.8500, 57.7550,
-44.5954

■ 255.0000, 0.0000,
0.0000

■ 61.4960, 57.9295,
-53.9320

■ 146.4990, 53.4910,
-30.2556

■ 45.5040, 52.5025,
-39.9070

■ 171.0300, 41.3972,
-24.5823

■ 31.2730, 46.2074,
-27.4264

■ 196.1480, 29.0140,
-19.4238

■ 14.8080, 41.5067,
-12.9866

■ 221.5540, 16.4889,
-15.3949

■ 13.7190, 29.7185,
-12.0316

■ 247.2590, 3.8163,
-10.7511

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 89.8500, 57.7550,
-44.5954

■ 89.8500, 57.7550,
-44.5954

■ 75.3530, 64.9020,
-50.2986

■ 104.3470, 50.6079,
-38.8923

■ 62.9270, 71.0280,
-55.1870

■ 118.5450, 43.6083,
-33.8040

■ 133.0420, 36.4613,
-28.1008

■ 147.5390, 29.3143,
-22.3977

■ 162.0360, 22.1673,
-16.6946

■ 176.2340, 15.1676,
-11.6062

■ 190.7310, 8.0206,
-5.9031

■ 205.2280, 0.8736,
-0.2000

■ 219.4260, -6.1260,
4.8884

Harmonies

Analogous

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



90.0260, 60.6262, -78.9528



89.8500, 57.7550, -44.5954



100.5530, 35.2234, 42.4880

Triad

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



89.8500, 57.7550, -44.5954



90.0070, -43.8805, 74.5389



81.3210, -0.6513, -71.3185

Complementary

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



89.8500, 57.7550, -44.5954



156.1500, -57.7550, 44.5954

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.



70.9760, -27.5962, -62.2460



89.8500, 57.7550, -44.5954



94.6680, -46.6713, 36.2482

Square

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



89.8500, 57.7550, -44.5954



80.8630, -8.3135, 100.0981



89.3980, -44.0732, -3.8570



88.6340, 24.8304, -77.7320

Rectangle

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



89.8500, 57.7550, -44.5954



90.0970, 23.6162, 78.8449



89.3980, -44.0732, -3.8570



78.4540, -9.0978, -68.8042

Sweetspot

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



89.8500, 57.7550, -44.5954



212.1070, 21.1462, -15.8798



150.3840, 0.3037, -97.6838



101.6750, 12.9782, -9.3620



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.



89.8500, 57.7550, -44.5954



82.5310, 85.0272, -65.3637



66.5240, 69.2547, 0.4175



97.0150, 3.9366, -2.6442



50.8500, 57.7550, -44.5954



12.3050, 14.1466, -10.7915

Inverse Universe

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



95.3880, -1.1773, 97.8837



90.8590, -1.9025, 143.9517



179.4760, -69.2547, -0.4175



97.6310, -0.3111, 6.4626



56.3880, -1.1773, 97.8837



13.7410, -0.3653, 23.9061

Previews

White Background



This preview shows how the YUV color 89.8500, 57.7550, -44.5954 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 89.8500, 57.7550, -44.5954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

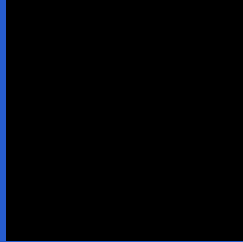
Any Text WCAG AA × Fail

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 89.8500, 57.7550, -44.5954 Background



This preview shows how black text looks on a background with the YUV color 89.8500, 57.7550, -44.5954.



This preview shows how white text looks on a background with the YUV color 89.8500, 57.7550,

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

89.8500, 57.7550, -44.5954

Protanopia

79.6080, 61.3253, -69.8162

Deuteranopia

79.9380, 47.3586, -70.1056



Tritanopia

78.6090, 19.4198, -68.9401

Trichromacy



Original Color

89.8500, 57.7550, -44.5954

Protanomaly

83.3210, 59.9877, -60.7945

Deuteranomaly

83.6170, 50.9678, -61.0541

Tritanomaly

82.3340, 33.3593, -59.9289

Monochromacy



Original Color

89.8500, 57.7550, -44.5954

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8080, 21.2937, -16.4946

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8500, 57.7550, -44.5954 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(39, 93, 207)` looks like.

```
.text, #text, p{  
    color:rgb(39, 93, 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(39, 93, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 93, 207) }
```

Border

The CSS property to change the border of an element to YUV 89.8500, 57.7550, -44.5954 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(39, 93, 207) }
```


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

```
.border{ border-color:rgb(39, 93, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 93, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 93, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 93, 207);  
box-shadow:4px 4px 4px 4px rgb(39, 93,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 89.8500, 57.7550, -44.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 93, 207) }
```

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

```
.background{ background-color: rgb(39, 93,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor