

Converting Colors

YUV(82.9100, 39.9774,
-35.8781)

Have a look what the booklet for
YUV(82.9100, 39.9774, -35.8781)
contains.

YUV(82.9100, 39.9774, -35.8781)	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(82.9100, 39.9774,
-35.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	2A58A4
RGB	42, 88, 164
RGB Percent	16%, 35%, 64%
CMY	0.8353, 0.6549, 0.3569
CMYK	0.74, 0.46, 0.00, 0.36
HSL	217°, 59%, 40%
HSV	217°, 74%, 64%
XYZ	11.1454, 10.1520, 36.4941
YIQ	82.9100, -51.8120, 13.8840

Conversions

Conversions Part 2

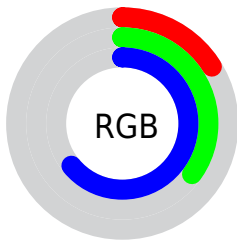
Format	Color
RYB	42, 75, 164
Decimal	2775204
CIELab	38.11, 11.48, -45.63
CIELCh	38, 47.049, 284.125
Yxy	10.1520, 0.1929, 0.1757
Android (android.graphics.Color)	4280965284 (0xFF2A58A4)
YUV	82.9100, 39.9774, -35.8781
Hunter-Lab	31.8622, 6.6804, -45.6054

Details

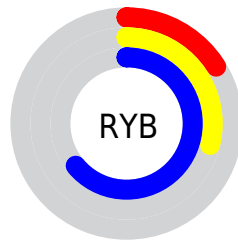
The YUV color **82.9100, 39.9774, -35.8781** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **123.0900, -39.9774, 35.8781**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5950, 41.1187, -28.5858**, and **38.4820, 35.7514, -33.7487** is the 20% darker color. If you saturate the color by 10%, you get **72.2560, 45.2298, -40.5665**, and if you desaturate by 10%, it is **93.5640, 34.7249, -31.1896**.

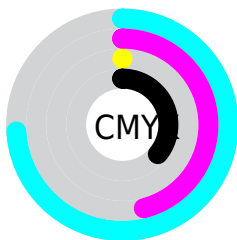
Distribution



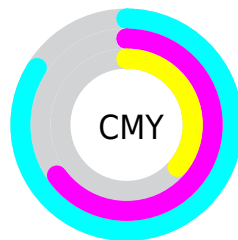
- Red (16%)
- Green (35%)
- Blue (64%)



- Red (16%)
- Yellow (29%)
- Blue (64%)



- Cyan (74%)
- Magenta (46%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9100, 39.9774, -35.8781 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 82.9100, 39.9774, -35.8781 by changing the saturation by 10% instead.

■ 82.9100, 39.9774,
-35.8781

■ 82.9100, 39.9774,
-35.8781

■ 255.0000, 0.0000,
0.0000

■ 53.7730, 41.0309,
-47.1589

■ 136.5950, 41.1187,
-28.5858

■ 38.4820, 35.7514,
-33.7487

■ 164.3070, 41.2606,
-27.4562

■ 24.0060, 31.0560,
-21.0533

■ 188.7390, 32.6667,
-24.3271

■ 9.5300, 26.3607,
-8.3578

■ 213.8460, 20.2889,
-20.9129

■ 6.3210, 16.6037,
-5.5435

■ 239.8390, 7.4744,
-17.3988

■ 2.6390, 7.5730,
-2.3144

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 82.9100, 39.9774,
-35.8781

■ 82.9100, 39.9774,
-35.8781

■ 72.2560, 45.2298,
-40.5665

■ 93.5640, 34.7249,
-31.1896

■ 61.3030, 50.6296,
-45.8697

■ 104.5170, 29.3251,
-25.8864

■ 55.0900, 53.6926,
-48.3139

■ 115.7580, 23.7833,
-21.7128

■ 126.7110, 18.3835,
-16.4095

■ 137.3650, 13.1311,
-11.7211

■ 148.0190, 7.8786,
-7.0327

■ 159.5590, 2.1894,
-2.2442

■ 170.2130, -3.0630,
2.4442

■ 181.1660, -8.4628,
7.7474

Harmonies

Analogous

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



77.2820, 42.2590, -67.7763



82.9100, 39.9774, -35.8781



92.2930, 25.9846, 19.0370

Triad

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



82.9100, 39.9774, -35.8781



86.1520, -23.7389, 54.2407



69.8600, -1.4100, -61.2672

Complementary

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



82.9100, 39.9774, -35.8781



123.0900, -39.9774, 35.8781

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.



77.3470, -23.3421, -26.6143



82.9100, 39.9774, -35.8781



84.9050, -39.3932, 35.1633

Square

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



82.9100, 39.9774, -35.8781



86.0880, -6.4524, 63.0668



81.8000, -40.3274, 8.0684



75.0070, 15.7725, -65.7811

Rectangle

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



82.9100, 39.9774, -35.8781



90.9170, 16.3099, 42.1688



81.8000, -40.3274, 8.0684



67.9050, -6.3622, -59.5527

Sweetspot

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



82.9100, 39.9774, -35.8781



182.9240, 15.3205, -13.9653



122.1640, -2.5459, -70.3038



88.6490, 9.0470, -8.4622



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



82.9100, 39.9774, -35.8781



87.3370, 62.4449, -55.5465



60.0940, 51.2257, -3.5904



76.3740, 2.7736, -2.9590



48.8150, 47.4192, -42.8108



6.1610, 5.8366, -5.4032

Inverse Universe

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



83.7220, 2.1091, 70.4038



88.9040, 3.0053, 109.7092



145.9060, -51.2257, 3.5904



76.1470, 0.4205, 5.1331



49.6250, 2.6499, 83.6439



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 82.9100, 39.9774, -35.8781 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 82.9100, 39.9774, -35.8781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

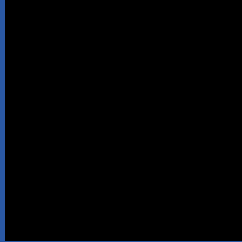
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.9100, 39.9774, -35.8781

Background



This preview shows how black text looks on a background with the YUV color 82.9100, 39.9774, -35.8781.



This preview shows how white text looks on a background with the YUV color 82.9100, 39.9774,

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

82.9100, 39.9774, -35.8781

Protanopia

85.1990, 38.3559, -29.1155

Deuteranopia

71.7710, 43.9899, -62.9432



Tritanopia

70.3110, 18.0877, -61.6627

Trichromacy



Original Color

82.9100, 39.9774, -35.8781

Protanomaly

84.0030, 38.9455, -31.5746

Deuteranomaly

75.7830, 42.5050, -53.3067

Tritanomaly

74.8420, 26.2069, -52.4814

Monochromacy



Original Color

82.9100, 39.9774, -35.8781

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9950, 14.2995, -13.1506

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9100, 39.9774, -35.8781 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, 88, 164)` looks like.

```
.text, #text, p{  
    color:rgb(42, 88, 164)  
}
```

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, 88, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 88, 164) }
```

Border

The CSS property to change the border of an element to YUV 82.9100, 39.9774, -35.8781 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, 88, 164) }
```


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

```
.border{ border-color:rgb(42, 88, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 88, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 88, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 88, 164);  
box-shadow:4px 4px 4px 4px rgb(42, 88,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 82.9100, 39.9774, -35.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 88, 164) }
```

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

```
.background{ background-color: rgb(42, 88,  
164) }
```

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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