

Converting Colors

YUV(90.8910, 39.0007, -2.5354)

Have a look what the booklet for
YUV(90.8910, 39.0007, -2.5354)
contains.

YUV(90.8910, 39.0007, -2.5354)	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(90.8910, 39.0007,
-2.5354)**

Conversions

Conversions Part 1

Format	Color
Hex	584DAA
RGB	88, 77, 170
RGB Percent	35%, 30%, 67%
CMY	0.6549, 0.6980, 0.3333
CMYK	0.48, 0.55, 0.00, 0.33
HSL	247°, 38%, 48%
HSV	247°, 55%, 67%
XYZ	13.9341, 10.2847, 39.2810
YIQ	90.8910, -23.2970, 31.2550

Conversions

Conversions Part 2

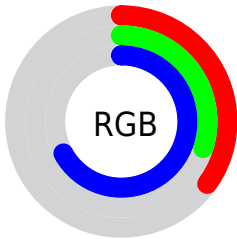
Format	Color
R_{YB}	88, 77, 170
Decimal	5787050
CIE _{Lab}	38.35, 29.38, -48.67
CIE _{LCh}	38, 56.852, 301.118
Yxy	10.2847, 0.2194, 0.1620
Android (android.graphics.Color)	4283977130 (0xFF584DAA)
YUV	90.8910, 39.0007, -2.5354
Hunter-Lab	32.0698, 21.4346, -50.1729

Details

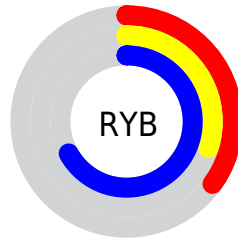
The YUV color **90.8910, 39.0007, -2.5354** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **156.1090, -39.0007, 2.5354**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.4830, 41.1739, 0.4534**, and **40.7930, 37.5701, -10.3425** is the 20% darker color. If you saturate the color by 10%, you get **76.4270, 46.1315, -3.0055**, and if you desaturate by 10%, it is **105.3550, 31.8700, -2.0653**.

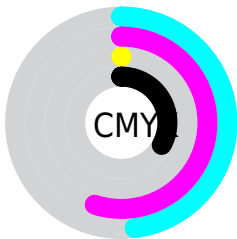
Distribution



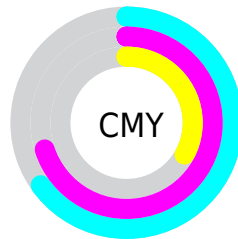
- Red (35%)
- Green (30%)
- Blue (67%)



- Red (35%)
- Yellow (30%)
- Blue (67%)



- Cyan (48%)
- Magenta (55%)
- Yellow (0%)
- Black (33%)



- Cyan (65%)
- Magenta (70%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8910, 39.0007, -2.5354 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 90.8910, 39.0007, -2.5354 by changing the saturation by 10% instead.

■ 90.8910, 39.0007,
-2.5354

■ 90.8910, 39.0007,
-2.5354

■ 255.0000, 0.0000,
0.0000

■ 65.9400, 37.9906,
-5.2094

■ 142.4830, 41.1739,
0.4534

■ 40.7930, 37.5701,
-10.3425

■ 169.4230, 42.1895,
1.3830

■ 17.5320, 36.7127,
-15.3756

■ 193.9430, 30.1011,
5.3120

■ 7.7520, 29.7023,
-6.7985

■ 219.0500, 17.7234,
8.7262

■ 6.7770, 18.3509,
-5.9434

■ 243.2600, 5.7878,
10.2960

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 90.8910, 39.0007,
-2.5354

■ 90.8910, 39.0007,
-2.5354

■ 76.4270, 46.1315,
-3.0055

■ 105.3550, 31.8700,
-2.0653

■ 61.9630, 53.2622,
-3.4756

■ 119.8190, 24.7392,
-1.5953

■ 47.4990, 60.3930,
-3.9456

■ 134.2830, 17.6085,
-1.1252

■ 33.0350, 67.5237,
-4.4157

■ 148.7470, 10.4777,
-0.6551

■ 25.3600, 71.3075,
-4.7007

■ 163.2110, 3.3470,
-0.1850

■ 177.6750, -3.7838,
0.2850

■ 192.1390,
-10.9145, 0.7551

■ 206.6030,
-18.0453, 1.2252

■ 221.0670,
-25.1760, 1.6952

Harmonies

Analogous

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



77.2140, 52.1525, -67.7167



90.8910, 39.0007, -2.5354



89.6820, 22.8348, 49.3909

Triad

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



90.8910, 39.0007, -2.5354



84.1460, -41.4840, 52.4920



74.9440, 7.9156, -65.7259

Complementary

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



90.8910, 39.0007, -2.5354



156.1090, -39.0007, 2.5354

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.



67.5970, -12.6193, -59.2826



90.8910, 39.0007, -2.5354



84.5350, -41.6758, 20.5788

Square

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



90.8910, 39.0007, -2.5354



81.8800, -17.6888, 73.7732



77.8250, -38.3677, -13.8785



80.1880, 28.0083, -70.3249

Rectangle

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



90.8910, 39.0007, -2.5354



82.8390, 11.4184, 71.1782



77.8250, -38.3677, -13.8785



73.1200, 0.9268, -64.1262

Sweetspot

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



90.8910, 39.0007, -2.5354



191.5990, 14.9877, -0.5253



135.7360, 16.8922, -51.5115



93.9920, 8.8779, -0.8700



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



90.8910, 39.0007, -2.5354



97.1400, 61.5560, -3.6308



104.6450, 32.2200, 25.7443



77.2110, 3.3470, -0.1850



21.9550, 62.1402, -4.3455



2.8780, 8.4411, -0.7700

Inverse Universe

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



114.1550, 22.1086, 48.9761



133.7730, 35.1149, 77.3751



142.3550, -32.2200, -25.7443



79.1900, 1.8783, 4.2184



59.0720, 34.9675, 77.9899



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 90.8910, 39.0007, -2.5354 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 90.8910, 39.0007, -2.5354 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 90.8910, 39.0007, -2.5354

Background



This preview shows how black text looks on a background with the YUV color 90.8910, 39.0007, -2.5354.



This preview shows how white text looks on a background with the YUV color 90.8910, 39.0007,

-2.5354.

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

90.8910, 39.0007, -2.5354

Protanopia

79.4770, 50.0508, -46.8993

Deuteranopia

72.4720, 44.1373, -63.5579



Tritanopia

87.1380, 7.3270, -16.7840

Trichromacy



Original Color

90.8910, 39.0007, -2.5354

Protanomaly

83.5500, 46.0709, -30.3003

Deuteranomaly

79.4470, 42.1776, -41.6110

Tritanomaly

88.5590, 18.9514, -11.8912

Monochromacy



Original Color

90.8910, 39.0007, -2.5354

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0720, 14.2615, -0.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8910, 39.0007, -2.5354 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(88, 77, 170)` looks like.

```
.text, #text, p{  
    color:rgb(88, 77, 170)  
}
```

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(88, 77, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 77, 170) }
```

Border

The CSS property to change the border of an element to YUV 90.8910, 39.0007, -2.5354 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(88, 77, 170) }
```


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

```
.border{ border-color:rgb(88, 77, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 77, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 77, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 77, 170);  
box-shadow:4px 4px 4px 4px rgb(88, 77,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 90.8910, 39.0007, -2.5354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 77, 170) }
```

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

```
.background{ background-color: rgb(88, 77,  
170) }
```

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