

Converting Colors

YUV(92.9840, 37.9689, 1.7680)

Have a look what the booklet for
YUV(92.9840, 37.9689, 1.7680)
contains.

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Color

**YUV(92.9840, 37.9689,
1.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	5F4DAA
RGB	95, 77, 170
RGB Percent	37%, 30%, 67%
CMY	0.6275, 0.6980, 0.3333
CMYK	0.44, 0.55, 0.00, 0.33
HSL	252°, 38%, 48%
HSV	252°, 55%, 67%
XYZ	14.6289, 10.6429, 39.3135
YIQ	92.9840, -19.1250, 32.7390

Conversions

Conversions Part 2

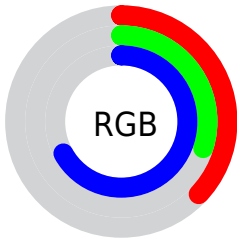
Format	Color
RYB	95, 77, 170
Decimal	6245802
CIELab	38.97, 31.00, -47.64
CIELCh	39, 56.837, 303.059
Yxy	10.6429, 0.2265, 0.1648
Android (android.graphics.Color)	4284435882 (0xFF5F4DAA)
YUV	92.9840, 37.9689, 1.7680
Hunter-Lab	32.6235, 22.9511, -48.6119

Details

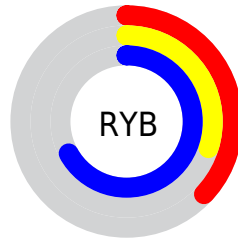
The YUV color **92.9840, 37.9689, 1.7680** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **154.0160, -37.9689, -1.7680**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5760, 40.1420, 4.7568**, and **43.7830, 36.0960, -4.1947** is the 20% darker color. If you saturate the color by 10%, you get **78.8190, 44.9522, 1.9127**, and if you desaturate by 10%, it is **107.1490, 30.9855, 1.6233**.

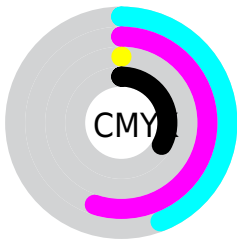
Distribution



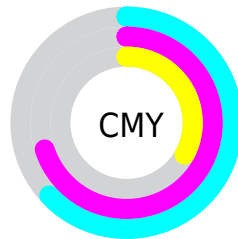
- Red (37%)
- Green (30%)
- Blue (67%)



- Red (37%)
- Yellow (30%)
- Blue (67%)



- Cyan (44%)
- Magenta (55%)
- Yellow (0%)
- Black (33%)



- Cyan (63%)
- Magenta (70%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.9840, 37.9689, 1.7680 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 92.9840, 37.9689, 1.7680 by changing the saturation by 10% instead.

■ 92.9840, 37.9689,
1.7680

■ 92.9840, 37.9689,
1.7680

■ 255.0000, 0.0000,
0.0000

■ 68.3320, 36.8113,
-0.2912

■ 144.5760, 40.1420,
4.7568

■ 43.7830, 36.0960,
-4.1947

■ 172.1030, 40.8682,
5.1717

■ 16.9450, 37.0021,
-14.8608

■ 196.3240, 28.9273,
8.4859

■ 7.7520, 29.7023,
-6.7985

■ 220.8440, 16.8389,
12.4148

■ 6.7770, 18.3509,
-5.9434

■ 243.2600, 5.7878,
10.2960

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 92.9840, 37.9689,
1.7680

■ 92.9840, 37.9689,
1.7680

■ 78.8190, 44.9522,
1.9127

■ 107.1490, 30.9855,
1.6233

■ 64.9530, 51.7882,
2.6722

■ 121.0150, 24.1496,
0.8638

■ 50.7880, 58.7715,
2.8169

■ 135.1800, 17.1663,
0.7191

■ 36.6230, 65.7549,
2.9616

■ 149.3450, 10.1829,
0.5744

■ 29.2470, 69.3912,
3.2914

■ 163.5100, 3.1996,
0.4297

■ 177.3760, -3.6364,
-0.3298

■ 191.5410,
-10.6197, -0.4745

■ 205.7060,
-17.6031, -0.6192

■ 219.5720,
-24.4390, -1.3786

Harmonies

Analogous

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



77.4420, 53.0261, -67.9166



92.9840, 37.9689, 1.7680



90.6500, 21.3716, 52.0500

Triad

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



92.9840, 37.9689, 1.7680



85.9070, -42.3522, 50.9476



76.5740, 9.0840, -67.1554

Complementary

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



92.9840, 37.9689, 1.7680



154.0160, -37.9689, -1.7680

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.



69.3410, -11.0141, -60.8121



92.9840, 37.9689, 1.7680



85.4100, -42.1071, 18.9344

Square

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



92.9840, 37.9689, 1.7680



84.2990, -19.8674, 72.5288



78.4010, -38.6517, -16.1377



81.8180, 29.1767, -71.7544

Rectangle

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



92.9840, 37.9689, 1.7680



84.2090, 10.2500, 72.6077



78.4010, -38.6517, -16.1377



74.1630, 2.3846, -65.0410

Sweetspot

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



92.9840, 37.9689, 1.7680



192.1970, 14.6929, 0.7042



132.2140, 18.6285, -48.4227



94.5900, 8.5831, 0.3596



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.



92.9840, 37.9689, 1.7680



100.4290, 59.9345, 3.1318



106.7380, 31.1882, 30.0478



77.2110, 3.3470, -0.1850



25.5430, 60.3713, 3.0318



3.4760, 8.1463, 0.4595

Inverse Universe

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



113.3570, 19.0510, 49.6759



132.5190, 30.3101, 78.4748



140.2620, -31.1882, -30.0478



79.1900, 1.8783, 4.2184



57.8180, 30.1627, 79.0896



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 92.9840, 37.9689, 1.7680 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 92.9840, 37.9689, 1.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

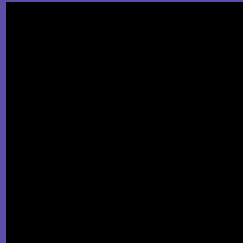
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.9840, 37.9689, 1.7680

Background



This preview shows how black text looks on a background with the YUV color 92.9840, 37.9689, 1.7680.



This preview shows how white text looks on a background with the YUV color 92.9840, 37.9689,

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

92.9840, 37.9689, 1.7680

Protanopia

81.9610, 49.3192, -45.5698

Deuteranopia

73.5150, 45.5951, -64.4727



Tritanopia

90.1280, 5.8529, -10.6363

Trichromacy



Original Color

92.9840, 37.9689, 1.7680

Protanomaly

86.3330, 45.1918, -28.3560

Deuteranomaly

80.5720, 42.6090, -39.9666

Tritanomaly

91.2500, 17.6248, -6.3582

Monochromacy



Original Color

92.9840, 37.9689, 1.7680

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9690, 13.8193, 0.9042

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.9840, 37.9689, 1.7680 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(95, 77, 170)` looks like.

```
.text, #text, p{  
    color:rgb(95, 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(95, 77, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 77, 170) }
```

Border

The CSS property to change the border of an element to YUV 92.9840, 37.9689, 1.7680 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(95, 77, 170) }
```


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

```
.border{ border-color:rgb(95, 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(95, 77, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 77, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 77, 170);  
box-shadow:4px 4px 4px 4px rgb(95, 77,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 92.9840, 37.9689, 1.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 77, 170) }
```

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

```
.background{ background-color: rgb(95, 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](#).

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