

Converting Colors

YUV(93.7450, 37.1007, 0.2236)

Have a look what the booklet for
YUV(93.7450, 37.1007, 0.2236)
contains.

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Color

**YUV(93.7450, 37.1007,
0.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	5E4FA9
RGB	94, 79, 169
RGB Percent	37%, 31%, 66%
CMY	0.6314, 0.6902, 0.3373
CMYK	0.44, 0.53, 0.00, 0.34
HSL	250°, 36%, 49%
HSV	250°, 53%, 66%
XYZ	14.5735, 10.8362, 38.8596
YIQ	93.7450, -19.9500, 31.1700

Conversions

Conversions Part 2

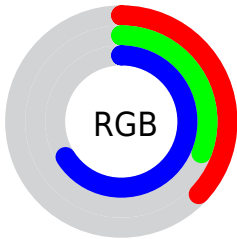
Format	Color
R_{YB}	94, 79, 169
Decimal	6180777
CIE _{Lab}	39.30, 29.24, -46.51
CIE _{LCh}	39, 54.942, 302.154
Yxy	10.8362, 0.2268, 0.1686
Android (android.graphics.Color)	4284370857 (0xFF5E4FA9)
YUV	93.7450, 37.1007, 0.2236
Hunter-Lab	32.9184, 21.4176, -46.9479

Details

The YUV color **93.7450, 37.1007, 0.2236** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **154.2550, -37.1007, -0.2236**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9240, 38.9845, 2.6977**, and **44.5440, 35.2278, -5.7391** is the 20% darker color. If you saturate the color by 10%, you get **79.5800, 44.0841, 0.3683**, and if you desaturate by 10%, it is **107.9100, 30.1174, 0.0789**.

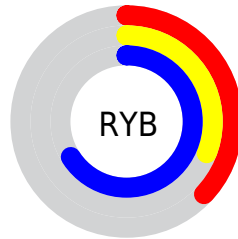
Distribution



Red (37%)

Green (31%)

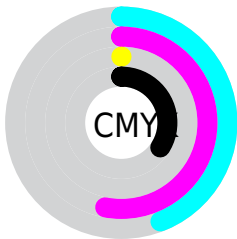
Blue (66%)



Red (37%)

Yellow (31%)

Blue (66%)

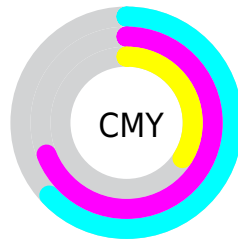


Cyan (44%)

Magenta (53%)

Yellow (0%)

Black (34%)



Cyan (63%)

Magenta (69%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7450, 37.1007, 0.2236 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 93.7450, 37.1007, 0.2236 by changing the saturation by 10% instead.

■ 93.7450, 37.1007,
0.2236

■ 93.7450, 37.1007,
0.2236

■ 255.0000, 0.0000,
0.0000

■ 69.0930, 35.9432,
-1.8356

■ 145.9240, 38.9845,
2.6977

■ 44.5440, 35.2278,
-5.7391

■ 172.8640, 40.0000,
3.6273

■ 18.0050, 35.9865,
-15.7904

■ 197.1990, 28.4959,
6.8415

■ 7.6380, 29.2655,
-6.6985

■ 221.7190, 16.4075,
10.7704

■ 6.7770, 18.3509,
-5.9434

■ 245.0210, 4.9196,
8.7516

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 93.7450, 37.1007,
0.2236

■ 93.7450, 37.1007,
0.2236

■ 79.5800, 44.0841,
0.3683

■ 107.9100, 30.1174,
0.0789

■ 65.4150, 51.0674,
0.5130

■ 122.0750, 23.1340,
-0.0658

■ 51.2500, 58.0508,
0.6578

■ 136.2400, 16.1507,
-0.2105

■ 37.0850, 65.0341,
0.8025

■ 150.4050, 9.1673,
-0.3552

■ 27.6380, 69.6915,
0.3175

■ 163.9830, 2.4734,
0.0149

■ 178.1480, -4.5100,
-0.1298

■ 192.6120,
-11.6407, 0.3403

■ 206.7770,
-18.6241, 0.1956

■ 220.9420,
-25.6074, 0.0509

Harmonies

Analogous

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



77.8010, 51.8631, -68.2315



93.7450, 37.1007, 0.2236



92.5140, 20.9456, 48.6612

Triad

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



93.7450, 37.1007, 0.2236



86.6080, -42.2047, 50.3328



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.



93.7450, 37.1007, 0.2236



154.2550, -37.1007, -0.2236

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.



70.0420, -10.8667, -61.4268



93.7450, 37.1007, 0.2236



86.5950, -42.6913, 19.6492

Square

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



93.7450, 37.1007, 0.2236



85.6300, -18.5516, 70.4845



79.5970, -39.2413, -13.6786



81.5900, 28.3031, -71.5544

Rectangle

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



93.7450, 37.1007, 0.2236



86.6600, 9.5346, 68.7042



79.5970, -39.2413, -13.6786



74.7500, 2.0953, -65.5558

Sweetspot

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



93.7450, 37.1007, 0.2236



189.7840, 14.4035, 0.1894



133.2850, 17.6075, -47.6079



92.2910, 8.7305, -0.2552



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



93.7450, 37.1007, 0.2236



101.8370, 57.7614, 0.1430



107.2000, 30.4674, 27.8886



77.2110, 3.3470, -0.1850



24.3470, 60.9609, 0.5727



3.1770, 8.2937, -0.1552

Inverse Universe

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



114.4600, 19.4932, 47.8316



134.1980, 30.4684, 74.3714



140.8000, -30.4674, -27.8886



79.1900, 1.8783, 4.2184



58.2740, 31.9099, 78.6897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 93.7450, 37.1007, 0.2236 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 93.7450, 37.1007, 0.2236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

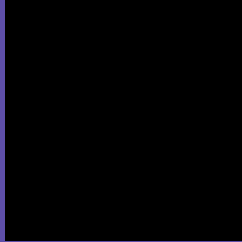
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7450, 37.1007, 0.2236

Background



This preview shows how black text looks on a background with the YUV color 93.7450, 37.1007, 0.2236.



This preview shows how white text looks on a background with the YUV color 93.7450, 37.1007,

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

93.7450, 37.1007, 0.2236

Protanopia

84.7120, 46.9770, -40.9664

Deuteranopia

80.0820, 42.3576, -52.6919



Tritanopia

91.1170, 5.8583, -12.3806

Trichromacy



Original Color

93.7450, 37.1007, 0.2236

Protanomaly

87.8880, 43.4392, -26.2118

Deuteranomaly

85.3340, 40.2613, -33.6189

Tritanomaly

92.1250, 17.1934, -8.0026

Monochromacy



Original Color

93.7450, 37.1007, 0.2236

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1430, 13.2405, -0.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7450, 37.1007, 0.2236 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(94, 79, 169)` looks like.

```
.text, #text, p{  
    color:rgb(94, 79, 169)  
}
```

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(94, 79, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 79, 169) }
```

Border

The CSS property to change the border of an element to YUV 93.7450, 37.1007, 0.2236 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(94, 79, 169) }
```


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

```
.border{ border-color:rgb(94, 79, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 79, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 79, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 79, 169);  
box-shadow:4px 4px 4px 4px rgb(94, 79,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 93.7450, 37.1007, 0.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 79, 169) }
```

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

```
.background{ background-color: rgb(94, 79,  
169) }
```

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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