

Converting Colors

YUV(103.2490, 39.3172,
-10.7424)

Have a look what the booklet for
YUV(103.2490, 39.3172, -10.7424)
contains.

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Color

**YUV(103.2490, 39.3172,
-10.7424)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5EB7
RGB	91, 94, 183
RGB Percent	36%, 37%, 72%
CMY	0.6431, 0.6314, 0.2824
CMYK	0.50, 0.49, 0.00, 0.28
HSL	238°, 39%, 54%
HSV	238°, 50%, 72%
XYZ	16.8643, 13.6485, 46.5453
YIQ	103.2490, -30.3570, 27.0430

Conversions

Conversions Part 2

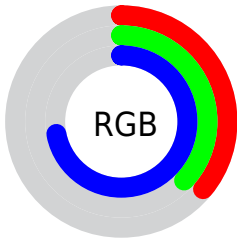
Format	Color
R_{YB}	91, 94, 183
Decimal	5988023
CIE _{Lab}	43.72, 23.53, -47.69
CIE _{LCh}	44, 53.177, 296.261
Yxy	13.6485, 0.2189, 0.1771
Android (android.graphics.Color)	4284178103 (0xFF5B5EB7)
YUV	103.2490, 39.3172, -10.7424
Hunter-Lab	36.9438, 16.8311, -48.8385

Details

The YUV color **103.2490, 39.3172, -10.7424** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **170.7510, -39.3172, 10.7424**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8410, 41.4904, -7.7536**, and **52.1510, 37.8866, -18.5494** is the 20% darker color. If you saturate the color by 10%, you get **87.3010, 47.1796, -12.5420**, and if you desaturate by 10%, it is **119.1970, 31.4549, -8.9428**.

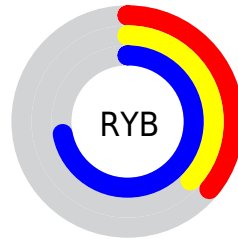
Distribution



Red (36%)

Green (37%)

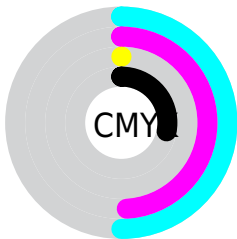
Blue (72%)



Red (36%)

Yellow (37%)

Blue (72%)

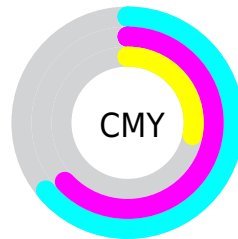


Cyan (50%)

Magenta (49%)

Yellow (0%)

Black (28%)



Cyan (64%)

Magenta (63%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.2490, 39.3172, -10.7424 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 103.2490, 39.3172, -10.7424 by changing the saturation by 10% instead.

■ 103.2490, 39.3172,
-10.7424

■ 103.2490, 39.3172,
-10.7424

■ 255.0000, 0.0000,
0.0000

■ 77.7110, 38.5965,
-12.9015

■ 155.8410, 41.4904,
-7.7536

■ 52.1510, 37.8866,
-18.5494

■ 181.7720, 36.1014,
-5.9390

■ 28.2920, 37.3240,
-24.8121

■ 206.2920, 24.0130,
-2.0101

■ 11.9410, 33.0601,
-10.4723

■ 231.3990, 11.6353,
1.4041

■ 9.2050, 22.5769,
-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 103.2490, 39.3172,
-10.7424

■ 103.2490, 39.3172,
-10.7424

■ 87.3010, 47.1796,
-12.5420

■ 119.1970, 31.4549,
-8.9428

■ 71.6410, 54.9000,
-15.4712

■ 134.8570, 23.7345,
-6.0136

■ 55.6930, 62.7624,
-17.2708

■ 150.8050, 15.8721,
-4.2140

■ 39.7450, 70.6247,
-19.0704

■ 166.7530, 8.0098,
-2.4144

■ 24.3840, 78.1977,
-21.3848

■ 183.0000, 0.0000,
0.0000

■ 198.3610, -7.5730,
2.3144

■ 214.3090,
-15.4353, 4.1140

■ 230.2570,
-23.2977, 5.9136

■ 245.6180,
-30.8707, 8.2280

Harmonies

Analogous

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



86.4580, 52.0322, -75.8237



103.2490, 39.3172, -10.7424



105.4420, 23.4461, 39.9544

Triad

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



103.2490, 39.3172, -10.7424



98.8780, -34.9429, 54.4810



83.1450, 6.3375, -72.9182

Complementary

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



103.2490, 39.3172, -10.7424



170.7510, -39.3172, 10.7424

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.



78.3470, -13.4821, -62.5713



103.2490, 39.3172, -10.7424



96.6840, -47.6652, 28.3411

Square

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



103.2490, 39.3172, -10.7424



98.4390, -15.4994, 71.5290



92.1420, -42.4680, -5.3865



88.2750, 25.9934, -77.4172

Rectangle

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



103.2490, 39.3172, -10.7424



101.5990, 12.0297, 61.7417



92.1420, -42.4680, -5.3865



80.8480, 0.0749, -70.9037

Sweetspot

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



103.2490, 39.3172, -10.7424



206.5770, 14.9985, -4.0140



155.1500, 12.2510, -56.2596



101.0950, 9.3202, -2.7143



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



103.2490, 39.3172, -10.7424



113.5360, 60.8678, -16.2561



114.3450, 33.8469, 17.2374



84.0260, 3.9312, -0.8998



20.7190, 66.6935, -18.1706



3.7790, 11.9410, -3.3142

Inverse Universe

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



118.8500, -12.2510, 56.2596



137.9140, -19.1846, 86.8984



159.6550, -33.8469, -17.2374



85.6910, -1.3267, 5.5330



47.2140, -20.8115, 95.4053



8.4860, -3.6906, 17.1138

Previews

White Background



This preview shows how the YUV color 103.2490, 39.3172, -10.7424 looks on a white background.

Color Contrast Check

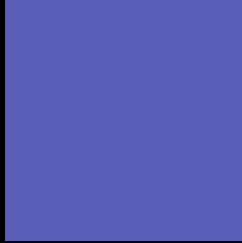
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.2490, 39.3172, -10.7424 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 103.2490, 39.3172, -10.7424 Background



This preview shows how black text looks on a background with the YUV color 103.2490, 39.3172, -10.7424.



This preview shows how white text looks on a background with the YUV color 103.2490, 39.3172, -10.7424.

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

103.2490, 39.3172, -10.7424

Protanopia

97.5880, 45.0661, -34.7187

Deuteranopia

93.6310, 43.0729, -48.7884



Tritanopia

98.6640, 9.5326, -24.2613

Trichromacy



Original Color

103.2490, 39.3172, -10.7424

Protanomaly

99.7740, 43.0024, -26.1118

Deuteranomaly

97.0780, 41.8665, -35.1484

Tritanomaly

100.5580, 20.4309, -19.7834

Monochromacy



Original Color

103.2490, 39.3172, -10.7424

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.3490, 14.1249, -3.8141

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.2490, 39.3172, -10.7424 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(91, 94, 183)` looks like.

```
.text, #text, p{  
    color:rgb(91, 94, 183)  
}
```

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(91, 94, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 94, 183) }
```

Border

The CSS property to change the border of an element to YUV 103.2490, 39.3172, -10.7424 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(91, 94, 183) }
```


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

```
.border{ border-color:rgb(91, 94, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 94, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 94, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 94, 183);  
box-shadow:4px 4px 4px 4px rgb(91, 94,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 103.2490, 39.3172, -10.7424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 94, 183) }
```

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

```
.background{ background-color: rgb(91, 94,  
183) }
```

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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