

Converting Colors

YUV(149.2390, 37.8432,
-4.5946)

Have a look what the booklet for
YUV(149.2390, 37.8432, -4.5946)
contains.

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Color

**YUV(149.2390, 37.8432,
-4.5946)**

Conversions

Conversions Part 1

Format	Color
Hex	9089E2
RGB	144, 137, 226
RGB Percent	56%, 54%, 89%
CMY	0.4353, 0.4627, 0.1137
CMYK	0.36, 0.39, 0.00, 0.11
HSL	245°, 61%, 71%
HSV	245°, 39%, 89%
XYZ	34.1747, 29.3116, 75.8080
YIQ	149.2390, -24.3970, 29.1630

Conversions

Conversions Part 2

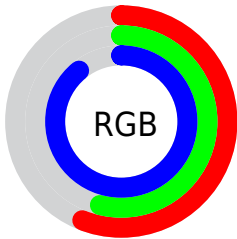
Format	Color
RYB	144, 137, 226
Decimal	9472482
CIELab	61.06, 23.41, -44.41
CIElCh	61, 50.198, 297.793
Yxy	29.3116, 0.2453, 0.2104
Android (android.graphics.Color)	4287662562 (0xFF9089E2)
YUV	149.2390, 37.8432, -4.5946
Hunter-Lab	54.1402, 17.9286, -45.1207

Details

The YUV color $149.2390, 37.8432, -4.5946$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $213.7610, -37.8432, 4.5946$, and the grayscale version is $149.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $200.4000, 26.9178, -0.3508$, and $97.0600, 35.9594, -7.0686$ is the 20% darker color. If you saturate the color by 10%, you get $129.4590, 47.5947, -5.6645$, and if you desaturate by 10%, it is $169.0190, 28.0916, -3.5247$.

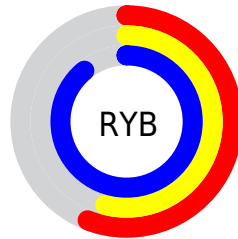
Distribution



Red (56%)

Green (54%)

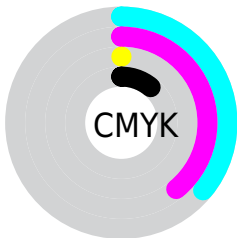
Blue (89%)



Red (56%)

Yellow (54%)

Blue (89%)

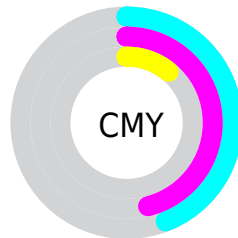


Cyan (36%)

Magenta (39%)

Yellow (0%)

Black (11%)



Cyan (44%)

Magenta (46%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2390, 37.8432, -4.5946 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 149.2390, 37.8432, -4.5946 by changing the saturation by 10% instead.

■ 149.2390, 37.8432,
-4.5946

■ 149.2390, 37.8432,
-4.5946

255.0000, 0.0000,
0.0000

■ 123.2990, 36.8276,
-5.5242

■ 200.4000, 26.9178,
-0.3508

■ 97.0600, 35.9594,
-7.0686

■ 225.5070, 14.5400,
3.0634

■ 72.4080, 34.8019,
-9.1278

■ 250.3040, 2.3151,
4.1184

■ 47.8590, 34.0865,
-13.0313

■ 23.4020, 33.8188,
-20.5236

■ 7.7520, 29.7023,
-6.7985

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 149.2390, 37.8432,
-4.5946

■ 149.2390, 37.8432,
-4.5946

■ 129.4590, 47.5947,
-5.6645

■ 169.0190, 28.0916,
-3.5247

■ 110.2660, 57.0569,
-7.2493

■ 188.2120, 18.6295,
-1.9399

■ 90.7850, 66.6610,
-7.7044

■ 207.6930, 9.0254,
-1.4848

■ 71.5920, 76.1231,
-9.2892

■ 226.8860, -0.4368,
0.1000

■ 51.8120, 85.8747,
-10.3591

■ 246.6660,
-10.1883, 1.1699

■ 32.0320, 95.6262,
-11.4291

■ 251.6940,
-12.6671, 2.8994

■ 31.1460, 96.0630,
-11.5290

Harmonies

Analogous

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



128.3760, 53.0586, -78.3828



149.2390, 37.8432, -4.5946



151.5840, 21.4041, 41.5838

Triad

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



149.2390, 37.8432, -4.5946



145.3620, -35.6745, 55.8105



115.3910, 13.1182, -101.1979

Complementary

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



149.2390, 37.8432, -4.5946



213.7610, -37.8432, 4.5946

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.



129.8540, -15.7040, -49.8610



149.2390, 37.8432, -4.5946



143.0090, -43.8814, 28.0561

Square

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



149.2390, 37.8432, -4.5946



146.8150, -19.1358, 71.1992



138.7380, -36.3528, -6.7862



120.5210, 32.7741, -105.6969

Rectangle

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



149.2390, 37.8432, -4.5946



149.9750, 8.3933, 61.4119



138.7380, -36.3528, -6.7862



113.0940, 6.8557, -99.1834

Sweetspot

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



149.2390, 37.8432, -4.5946



228.4310, 13.0985, -1.2550



195.8670, 14.8556, -51.6264



112.3510, 7.7150, -1.1848



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



149.2390, 37.8432, -4.5946



151.6700, 50.9417, -5.8496



162.0960, 31.5047, 21.8408



102.5530, 4.6574, -0.4850



24.2500, 74.8127, -8.9893



6.6680, 20.3767, -2.3398

Inverse Universe

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



172.9590, 22.6982, 46.5170



183.5340, 30.7957, 62.6757



200.9040, -31.5047, -21.8408



105.4290, 2.7465, 5.7628



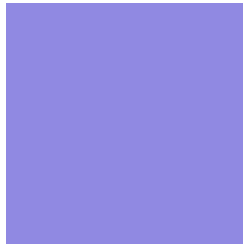
71.0920, 44.8176, 92.0043



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 149.2390, 37.8432, -4.5946 looks on a white background.

Color Contrast Check

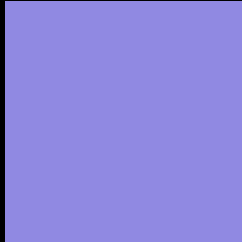
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 149.2390, 37.8432, -4.5946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

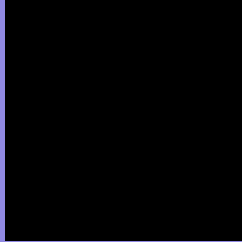
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.2390, 37.8432, -4.5946

Background



This preview shows how black text looks on a background with the YUV color 149.2390, 37.8432, -4.5946.



This preview shows how white text looks on a background with the YUV color 149.2390, 37.8432, -4.5946.

-4.5946.

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

149.2390, 37.8432, -4.5946

Protanopia

145.0620, 42.8604, -27.2414

Deuteranopia

144.7150, 39.0875, -30.4451



Tritanopia

145.3880, 8.1897, -13.4953

Trichromacy



Original Color

149.2390, 37.8432, -4.5946

Protanomaly

146.3620, 41.2335, -18.7345

Deuteranomaly

146.0690, 38.9130, -21.1085

Tritanomaly

146.5700, 18.9460, -10.1469

Monochromacy



Original Color

149.2390, 37.8432, -4.5946

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.2460, 13.6827, -1.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2390, 37.8432, -4.5946 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(144, 137, 226)` looks like.

```
.text, #text, p{  
    color:rgb(144, 137, 226)  
}
```

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(144, 137, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 137, 226) }
```

Border

The CSS property to change the border of an element to YUV 149.2390, 37.8432, -4.5946 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(144, 137, 226) }
```


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

```
.border{ border-color:rgb(144, 137, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 137, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 137, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 137, 226);  
box-shadow:4px 4px 4px 4px rgb(144, 137,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 149.2390, 37.8432, -4.5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 137, 226) }
```

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

```
.background{ background-color: rgb(144,  
137, 226) }
```

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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