

Converting Colors

YUV(61.2720, 37.8269, 0.6385)

Have a look what the booklet for
YUV(61.2720, 37.8269, 0.6385)
contains.

YUV(61.2720, 37.8269, 0.6385)	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(61.2720, 37.8269,
0.6385)**

Conversions

Conversions Part 1

Format	Color
Hex	3E2E8A
RGB	62, 46, 138
RGB Percent	24%, 18%, 54%
CMY	0.7569, 0.8196, 0.4588
CMYK	0.55, 0.67, 0.00, 0.46
HSL	250°, 50%, 36%
HSV	250°, 67%, 54%
XYZ	7.5510, 4.8131, 24.5758
YIQ	61.2720, -19.9960, 32.0040

Conversions

Conversions Part 2

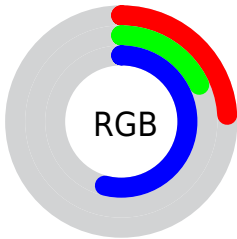
Format	Color
RYB	62, 46, 138
Decimal	4075146
CIELab	26.20, 33.07, -49.02
CIElCh	26, 59.131, 304.002
Yxy	4.8131, 0.2044, 0.1303
Android (android.graphics.Color)	4282265226 (0xFF3E2E8A)
YUV	61.2720, 37.8269, 0.6385
Hunter-Lab	21.9388, 23.0445, -51.0594

Details

The YUV color **61.2720, 37.8269, 0.6385** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **122.7280, -37.8269, -0.6385**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.4620, 39.7052, 4.8568**, and **11.6790, 37.1333, -10.2425** is the 20% darker color. If you saturate the color by 10%, you get **49.7650, 43.4999, 1.0831**, and if you desaturate by 10%, it is **72.7790, 32.1540, 0.1938**.

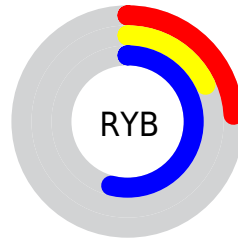
Distribution



Red (24%)

Green (18%)

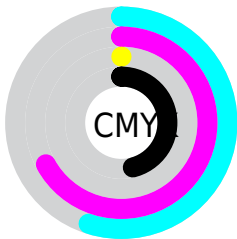
Blue (54%)



Red (24%)

Yellow (18%)

Blue (54%)

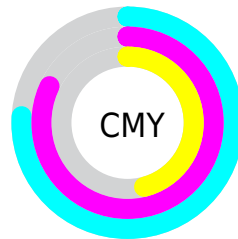


Cyan (55%)

Magenta (67%)

Yellow (0%)

Black (46%)



Cyan (76%)

Magenta (82%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.2720, 37.8269, 0.6385 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 61.2720, 37.8269, 0.6385 by changing the saturation by 10% instead.

■ 61.2720, 37.8269,
0.6385

■ 61.2720, 37.8269,
0.6385

■ 255.0000, 0.0000,
0.0000

■ 36.4240, 37.2590,
-3.8798

■ 111.4620, 39.7052,
4.8568

■ 11.6790, 37.1333,
-10.2425

■ 137.5160, 41.1576,
5.6865

■ 7.1820, 27.5183,
-6.2986

■ 164.3420, 41.7364,
6.7161

■ 6.3210, 16.6037,
-5.5435

■ 189.5460, 32.2688,
10.0452

■ 2.6390, 7.5730,
-2.3144

■ 214.0660, 20.1805,
13.9741

■ 0.0000, 0.0000,
0.0000

■ 237.9770, 8.3923,

14.9292

■ 61.2720, 37.8269,
0.6385

■ 61.2720, 37.8269,
0.6385

■ 49.7650, 43.4999,
1.0831

■ 72.7790, 32.1540,
0.1938

■ 37.9590, 49.3202,
0.9130

■ 84.5850, 26.3336,
0.3640

■ 27.0390, 54.7038,
0.8428

■ 95.5050, 20.9500,
0.4341

■ 22.9080, 56.7404,
0.9577

■ 107.3110, 15.1297,
0.6043

■ 118.8180, 9.4567,
0.1596

■ 130.3250, 3.7838,
-0.2850

■ 142.1310, -2.0366,
-0.1149

■ 153.0510, -7.4201,
-0.0447

■ 164.8570,
-13.2405, 0.1254

Harmonies

Analogous

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



56.8850, 47.8777, -49.8881



61.2720, 37.8269, 0.6385



46.9100, 27.1594, 62.3459

Triad

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



61.2720, 37.8269, 0.6385



57.2340, -28.2164, 43.6448



54.0110, 6.4036, -47.3676

Complementary

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



61.2720, 37.8269, 0.6385



122.7280, -37.8269, -0.6385

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.



47.2510, -14.4207, -41.4391



61.2720, 37.8269, 0.6385



57.9220, -28.5555, 12.3464

Square

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



61.2720, 37.8269, 0.6385



40.7650, -13.1951, 79.1361



48.8310, -24.0737, -25.2848



59.7280, 25.7701, -52.3815

Rectangle

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



61.2720, 37.8269, 0.6385



48.0890, 12.2811, 74.4669



48.8310, -24.0737, -25.2848



52.1870, -0.5852, -45.7680

Sweetspot

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



61.2720, 37.8269, 0.6385



148.8980, 14.8403, 0.0895



101.6870, 17.9023, -48.8375



71.5900, 8.5831, 0.3596



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



61.2720, 37.8269, 0.6385



59.7770, 58.7769, 1.0726



74.7270, 31.1936, 28.3034



63.0970, 2.9102, -0.0851



22.0390, 54.7038, 0.8428



0.8690, 2.0366, 0.1149

Inverse Universe

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



82.1720, 19.6352, 48.9612



92.2090, 30.4630, 76.1157



109.2730, -31.1936, -28.3034



64.7770, 1.5889, 3.7036



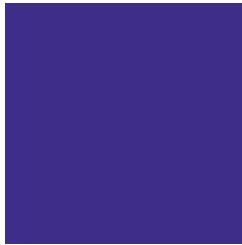
52.3070, 28.4426, 70.7678



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 61.2720, 37.8269, 0.6385 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 ✓ Pass

Black Background



This preview shows how the YUV color 61.2720, 37.8269, 0.6385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

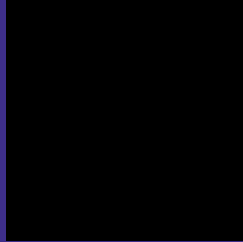
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.2720, 37.8269, 0.6385

Background



This preview shows how black text looks on a background with the YUV color 61.2720, 37.8269, 0.6385.



This preview shows how white text looks on a background with the YUV color 61.2720, 37.8269,

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

61.2720, 37.8269, 0.6385

Protanopia

49.6980, 38.1099, -43.5851

Deuteranopia

49.9940, 29.0900, -43.8447



Tritanopia

58.8990, 6.4588, -18.3284

Trichromacy



Original Color

61.2720, 37.8269, 0.6385

Protanomaly

54.0960, 37.9137, -27.2712

Deuteranomaly

54.0160, 32.5301, -27.2010

Tritanomaly

59.6300, 17.9304, -11.0765

Monochromacy



Original Color

61.2720, 37.8269, 0.6385

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2570, 13.6773, -0.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2720, 37.8269, 0.6385 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(62, 46, 138)` looks like.

```
.text, #text, p{  
    color:rgb(62, 46, 138)  
}
```

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(62, 46, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 46, 138) }
```

Border

The CSS property to change the border of an element to YUV 61.2720, 37.8269, 0.6385 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(62, 46, 138) }
```


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

```
.border{ border-color:rgb(62, 46, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 46, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 46, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 46, 138);  
box-shadow:4px 4px 4px 4px rgb(62, 46,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 61.2720, 37.8269, 0.6385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 46, 138) }
```

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

```
.background{ background-color: rgb(62, 46,  
138) }
```

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