

Converting Colors

YUV(37.4850, 44.6239,
-32.8743)

Have a look what the booklet for
YUV(37.4850, 44.6239, -32.8743)
contains.

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Color

**YUV(37.4850, 44.6239,
-32.8743)**

Conversions

Conversions Part 1

Format	Color
Hex	002780
RGB	0, 39, 128
RGB Percent	0%, 15%, 50%
CMY	1.0000, 0.8471, 0.4980
CMYK	1.00, 0.70, 0.00, 0.50
HSL	222°, 100%, 25%
HSV	222°, 100%, 50%
XYZ	4.6218, 3.0096, 20.7594
YIQ	37.4850, -51.8130, 19.4110

Conversions

Conversions Part 2

Format	Color
RYB	0, 30, 128
Decimal	10112
CIELab	20.08, 26.97, -52.90
CIELCh	20, 59.380, 297.016
Yxy	3.0096, 0.1628, 0.1060
Android (android.graphics.Color)	4278200192 (0xFF002780)
YUV	37.4850, 44.6239, -32.8743
Hunter-Lab	17.3481, 17.1962, -58.8051

Details

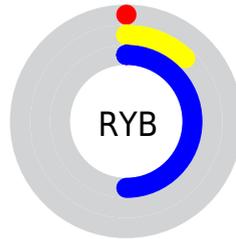
The YUV color **37.4850, 44.6239, -32.8743** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **90.5150, -44.6239, 32.8743**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.3780, 43.6906, -13.4865**, and **8.8920, 34.0702, -7.7983** is the 20% darker color. If you saturate the color by 10%, you get **37.4850, 44.6239, -32.8743**, and if you desaturate by 10%, it is **46.6550, 40.1031, -29.5154**.

Distribution



- Red (0%)
- Green (15%)
- Blue (50%)



- Red (0%)
- Yellow (12%)
- Blue (50%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (85%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.4850, 44.6239, -32.8743 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 37.4850, 44.6239, -32.8743 by changing the saturation by 10% instead.

■ 37.4850, 44.6239,
-32.8743

■ 37.4850, 44.6239,
-32.8743

■ 255.0000, 0.0000,
0.0000

■ 22.7810, 39.0550,
-19.9789

■ 93.3780, 43.6906,
-13.4865

■ 8.8920, 34.0702,
-7.7983

■ 119.3290, 44.7008,
-10.8125

■ 9.0910, 22.1401,
-7.9728

■ 145.8670, 45.4216,
-8.6534

■ 4.8220, 13.3988,
-4.2289

■ 171.4390, 41.1956,
-6.5240

■ 0.3420, 1.3104,
-0.2999

■ 195.9590, 29.1072,
-2.5950

■ 0.0000, 0.0000,
0.0000

■ 221.0660, 16.7295,

0.8191

■ 246.4720, 4.2043,
4.8481

■ 37.4850, 44.6239,
-32.8743

■ 46.6550, 40.1031,
-29.5154

■ 55.8250, 35.5823,
-26.1565

■ 64.6960, 31.2089,
-23.4124

■ 73.8660, 26.6881,
-20.0535

■ 83.0360, 22.1673,
-16.6946

■ 91.6190, 17.9358,
-12.8209

■ 100.7890, 13.4150,
-9.4620

■ 109.6600, 9.0416,
-6.7178

■ 118.8300, 4.5208,
-3.3589

Harmonies

Analogous

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



49.1910, 43.7828, -43.1405



37.4850, 44.6239, -32.8743



38.8650, 28.6606, 47.4764

Triad

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



37.4850, 44.6239, -32.8743



41.0310, -20.2283, 48.2078



42.4700, 0.2613, -37.2462

Complementary

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



37.4850, 44.6239, -32.8743



90.5150, -44.6239, 32.8743

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.



36.3940, -17.9422, -31.9175



37.4850, 44.6239, -32.8743



46.4370, -22.8934, 16.2798

Square

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



37.4850, 44.6239, -32.8743



35.9380, -12.2944, 70.2144



38.8410, -19.1486, -18.2776



48.0730, 19.1910, -42.1600

Rectangle

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



37.4850, 44.6239, -32.8743



41.6530, 13.4821, 62.5713



38.8410, -19.1486, -18.2776



40.0590, -6.4381, -35.1317

Sweetspot

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



37.4850, 44.6239, -32.8743



130.5050, 17.4990, -12.7209



85.0540, 0.9594, -74.5924



62.7030, 10.4994, -7.6325



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



37.4850, 44.6239, -32.8743



48.8610, 57.7495, -42.8511



21.4690, 52.5198, 1.3427



58.9720, 2.4788, -1.7294



0.0000, 0.0000, 0.0000

Inverse Universe

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



42.7180, -1.8330, 74.7923



55.4480, -2.1929, 96.9541



106.5310, -52.5198, -1.3427



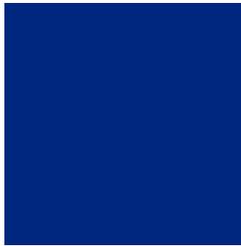
59.3210, -0.1583, 4.1035



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 37.4850, 44.6239, -32.8743 looks on a white background.

Color Contrast Check

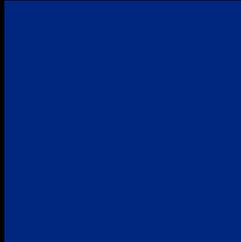
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4850, 44.6239, -32.8743 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 37.4850, 44.6239, -32.8743

Background



This preview shows how black text looks on a background with the YUV color 37.4850, 44.6239, -32.8743.



This preview shows how white text looks on a background with the YUV color 37.4850, 44.6239, -32.8743.

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

37.4850, 44.6239, -32.8743

Protanopia

39.6900, 30.2258, -34.8081

Deuteranopia

39.7410, 22.8057, -34.8529



Tritanopia

38.8970, 9.4178, -34.1127

Trichromacy



Original Color

37.4850, 44.6239, -32.8743

Protanomaly

39.0690, 35.4620, -34.2635

Deuteranomaly

39.1030, 30.5152, -34.2933

Tritanomaly

38.2250, 22.0741, -33.5233

Monochromacy



Original Color

37.4850, 44.6239, -32.8743

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.4620, 16.0412, -11.8062

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.4850, 44.6239, -32.8743 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(0, 39, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 128)  
}
```

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(0, 39, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 128) }
```

Border

The CSS property to change the border of an element to YUV 37.4850, 44.6239, -32.8743 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(0, 39, 128) }
```

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

```
.border{ border-color:rgb(0, 39, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 39, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 39, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 39, 128)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.4850, 44.6239, -32.8743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 39, 128) }
```

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

```
.background{ background-color: rgb(0, 39,  
128) }
```

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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