

Converting Colors

YUV(52.7470, 37.0997,
-46.2591)

Have a look what the booklet for
YUV(52.7470, 37.0997, -46.2591)
contains.

YUV(52.7470, 37.0997, -46.2591)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(52.7470, 37.0997,
-46.2591)**

Conversions

Conversions Part 1

Format	Color
Hex	004180
RGB	0, 65, 128
RGB Percent	0%, 25%, 50%
CMY	1.0000, 0.7451, 0.4980
CMYK	1.00, 0.49, 0.00, 0.50
HSL	210°, 100%, 25%
HSV	210°, 100%, 50%
XYZ	5.7866, 5.3391, 21.1476
YIQ	52.7470, -58.9630, 5.8130

Conversions

Conversions Part 2

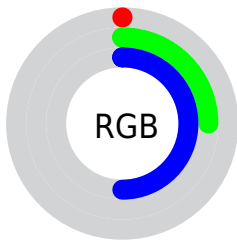
Format	Color
RYB	0, 43, 128
Decimal	16768
CIELab	27.68, 8.42, -40.51
CIELCh	28, 41.380, 281.743
Yxy	5.3391, 0.1793, 0.1654
Android (android.graphics.Color)	4278206848 (0xFF004180)
YUV	52.7470, 37.0997, -46.2591
Hunter-Lab	23.1065, 4.2655, -38.0891

Details

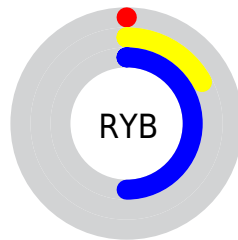
The YUV color **52.7470, 37.0997, -46.2591** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **75.2530, -37.0997, 46.2591**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1020, 35.4457, -29.0305**, and **22.9800, 27.1249, -20.1535** is the 20% darker color. If you saturate the color by 10%, you get **52.7470, 37.0997, -46.2591**, and if you desaturate by 10%, it is **60.1560, 33.4471, -41.3558**.

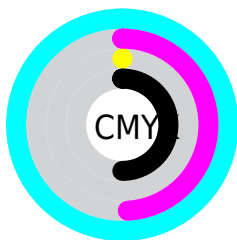
Distribution



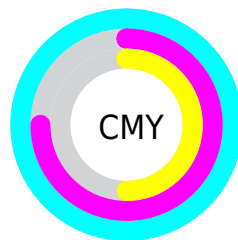
- Red (0%)
- Green (25%)
- Blue (50%)



- Red (0%)
- Yellow (17%)
- Blue (50%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.7470, 37.0997, -46.2591 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 52.7470, 37.0997, -46.2591 by changing the saturation by 10% instead.

■ 52.7470, 37.0997,
-46.2591

■ 52.7470, 37.0997,
-46.2591

■ 255.0000, 0.0000,
0.0000

■ 36.9830, 32.5464,
-32.4341

■ 109.1020, 35.4457,
-29.0305

■ 22.9800, 27.1249,
-20.1535

■ 135.6400, 36.1665,
-26.8713

■ 9.2050, 22.5769,
-8.0728

■ 163.1670, 36.8927,
-26.4565

■ 4.8220, 13.3988,
-4.2289

■ 189.3260, 32.3773,
-24.8419

■ 0.5700, 2.1840,
-0.4999

■ 213.8460, 20.2889,
-20.9129

■ 0.0000, 0.0000,
0.0000

■ 239.5400, 7.6218,

-18.0136

252.9070, 1.0318,
-4.3034

52.7470, 37.0997,
-46.2591

60.1560, 33.4471,
-41.3558

68.1520, 29.5051,
-36.9673

75.2620, 25.9998,
-32.6788

82.6710, 22.3472,
-27.7755

90.6670, 18.4052,
-23.3870

■ 98.0760, 14.7525,
-18.4837

■ 105.4850, 11.0999,
-13.5803

■ 112.5950, 7.5947,
-9.2918

■ 120.5910, 3.6526,
-4.9033

Harmonies

Analogous

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



57.8020, 33.6216, -50.6924



52.7470, 37.0997, -46.2591



67.3370, 22.5119, 12.8595

Triad

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



52.7470, 37.0997, -46.2591



61.7750, -18.6231, 46.6783



50.8020, -3.3534, -44.5534

Complementary

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



52.7470, 37.0997, -46.2591



75.2530, -37.0997, 46.2591

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.



54.8470, -21.6166, -20.0368



52.7470, 37.0997, -46.2591



62.1630, -30.6464, 29.6750

Square

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



52.7470, 37.0997, -46.2591



60.5320, -3.2203, 53.0304



60.5470, -29.8497, 7.4133



55.7380, 10.4822, -48.8822

Rectangle

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



52.7470, 37.0997, -46.2591



65.5200, 15.0266, 33.7470



60.5470, -29.8497, 7.4133



49.5480, -8.1582, -43.4536

Sweetspot

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



52.7470, 37.0997, -46.2591



136.3750, 14.6051, -17.8689



82.2040, -9.9606, -72.0929



66.2250, 8.7631, -10.7213



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.



52.7470, 37.0997, -46.2591



68.2320, 48.1996, -59.8395



15.7660, 55.3314, -13.8268



60.1460, 1.9000, -2.7590



0.0000, 0.0000, 0.0000

Inverse Universe

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



45.6820, 9.5238, 72.1929



59.2100, 12.2215, 93.6548



112.2340, -55.3314, 13.8268



59.5490, 0.7153, 3.9035



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 52.7470, 37.0997, -46.2591 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 52.7470, 37.0997, -46.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

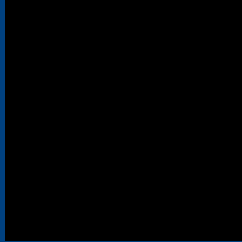
Any Text WCAG AA × Fail

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 52.7470, 37.0997, -46.2591 Background



This preview shows how black text looks on a background with the YUV color 52.7470, 37.0997, -46.2591.



This preview shows how white text looks on a background with the YUV color 52.7470, 37.0997, -46.2591.

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

52.7470, 37.0997, -46.2591

Protanopia

60.7170, 32.6775, -27.8158

Deuteranopia

52.6670, 31.7162, -46.1890



Tritanopia

51.7430, 12.9447, -45.3786

Trichromacy



Original Color

52.7470, 37.0997, -46.2591

Protanomaly

57.4280, 34.2990, -34.5784

Deuteranomaly

52.5360, 33.7528, -46.0741

Tritanomaly

52.0340, 21.6752, -45.6338

Monochromacy



Original Color

52.7470, 37.0997, -46.2591

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.7450, 13.4367, -16.4394

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.7470, 37.0997, -46.2591 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, 65, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 65, 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, 65, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 65, 128) }
```

Border

The CSS property to change the border of an element to YUV 52.7470, 37.0997, -46.2591 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, 65, 128) }
```

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

```
.border{ border-color:rgb(0, 65, 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, 65, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 65, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 65, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 65, 128)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.7470, 37.0997, -46.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 65, 128) }
```

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

```
.background{ background-color: rgb(0, 65,  
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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