

Converting Colors

YUV(52.2740, 37.8259,
-45.8443)

Have a look what the booklet for
YUV(52.2740, 37.8259, -45.8443)
contains.

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Color

**YUV(52.2740, 37.8259,
-45.8443)**

Conversions

Conversions Part 1

Format	Color
Hex	004081
RGB	0, 64, 129
RGB Percent	0%, 25%, 51%
CMY	1.0000, 0.7490, 0.4941
CMYK	1.00, 0.50, 0.00, 0.49
HSL	210°, 100%, 25%
HSV	210°, 100%, 51%
XYZ	5.7958, 5.2518, 21.4771
YIQ	52.2740, -59.0090, 6.6470

Conversions

Conversions Part 2

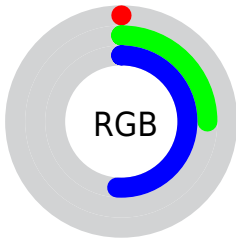
Format	Color
RYB	0, 43, 129
Decimal	16513
CIELab	27.44, 9.56, -41.52
CIELCh	27, 42.611, 282.964
Yxy	5.2518, 0.1782, 0.1615
Android (android.graphics.Color)	4278206593 (0xFF004081)
YUV	52.2740, 37.8259, -45.8443
Hunter-Lab	22.9167, 5.0399, -39.5236

Details

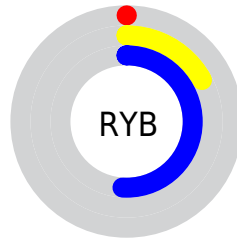
The YUV color **52.2740, 37.8259, -45.8443** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **76.7260, -37.8259, 45.8443**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.9280, 36.0245, -28.0009**, and **22.5070, 27.8510, -19.7386** is the 20% darker color. If you saturate the color by 10%, you get **52.2740, 37.8259, -45.8443**, and if you desaturate by 10%, it is **59.6830, 34.1733, -40.9410**.

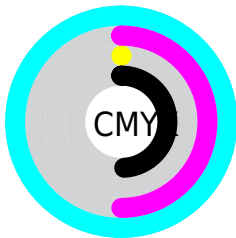
Distribution



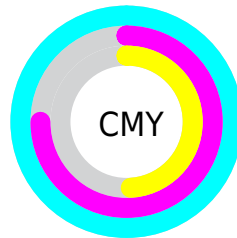
- Red (0%)
- Green (25%)
- Blue (51%)



- Red (0%)
- Yellow (17%)
- Blue (51%)



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



- Cyan (100%)
- Magenta (75%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.2740, 37.8259, -45.8443 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 52.2740, 37.8259, -45.8443 by changing the saturation by 10% instead.

■ 52.2740, 37.8259,
-45.8443

■ 52.2740, 37.8259,
-45.8443

■ 255.0000, 0.0000,
0.0000

■ 36.9830, 32.5464,
-32.4341

■ 108.9280, 36.0245,
-28.0009

■ 22.5070, 27.8510,
-19.7386

■ 135.1670, 36.8927,
-26.4565

■ 9.3190, 23.0137,
-8.1728

■ 162.1070, 37.9082,
-25.5268

■ 4.9360, 13.8356,
-4.3289

■ 188.4510, 32.8087,
-23.1975

■ 0.6840, 2.6208,
-0.5999

■ 213.2590, 20.5783,
-20.3981

■ 0.0000, 0.0000,
0.0000

■ 238.3660, 8.2006,

-16.9840

■ 253.2060, 0.8844,
-3.6887

■ 52.2740, 37.8259,
-45.8443

■ 59.6830, 34.1733,
-40.9410

■ 67.6790, 30.2313,
-36.5525

■ 75.6750, 26.2892,
-32.1640

■ 83.0840, 22.6366,
-27.2607

■ 91.0800, 18.6946,
-22.8722

■ 98.1900, 15.1893,
-18.5836

■ 106.1860, 11.2473,
-14.1951

■ 113.5950, 7.5947,
-9.2918

■ 121.5910, 3.6526,
-4.9033

Harmonies

Analogous

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



57.9160, 34.0584, -50.7923



52.2740, 37.8259, -45.8443



66.4620, 22.9432, 14.5038

Triad

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



52.2740, 37.8259, -45.8443



60.5470, -19.4967, 46.8783



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.



52.2740, 37.8259, -45.8443



76.7260, -37.8259, 45.8443

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.



53.2380, -21.3163, -23.0107



52.2740, 37.8259, -45.8443



61.2770, -30.2096, 29.5751

Square

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



52.2740, 37.8259, -45.8443



58.8420, -3.3731, 55.3896



59.9490, -29.5549, 6.1837



55.3790, 11.6452, -48.5674

Rectangle

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



52.2740, 37.8259, -45.8443



64.8300, 14.8738, 36.1061



59.9490, -29.5549, 6.1837



48.9610, -7.8688, -42.9388

Sweetspot

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



52.2740, 37.8259, -45.8443



138.3750, 14.6051, -17.8689



83.1330, -8.9396, -72.9076



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.



52.2740, 37.8259, -45.8443



67.8730, 49.3626, -59.5246



14.7060, 56.3469, -12.8972



60.1460, 1.9000, -2.7590



51.5730, 37.6785, -45.2295



0.0000, 0.0000, 0.0000

Inverse Universe

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



45.8670, 8.9396, 72.9076



59.6940, 11.4899, 94.9844



114.2940, -56.3469, 12.8972



59.5490, 0.7153, 3.9035



45.4540, 8.6502, 72.3928



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 52.2740, 37.8259, -45.8443 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 52.2740, 37.8259, -45.8443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

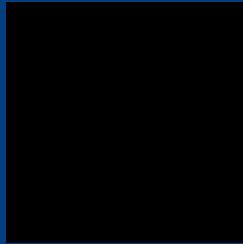
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.2740, 37.8259, -45.8443

Background



This preview shows how black text looks on a background with the YUV color 52.2740, 37.8259, -45.8443.



This preview shows how white text looks on a background with the YUV color 52.2740, 37.8259, -45.8443.

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



Protanopia

59.0480, 33.9933, -29.8601

Deuteranopia

52.5530, 31.2794, -46.0890

Tritanopia

51.6290, 12.5079, -45.2786

Trichromacy



Protanomaly

56.3570, 35.3200, -35.3931

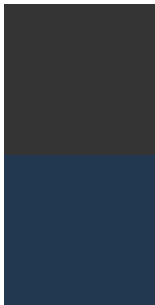
Deuteranomaly

52.5360, 33.7528, -46.0741

Tritanomaly

52.0340, 21.6752, -45.6338

Monochromacy



Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8590, 13.8735, -16.5393

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.2740, 37.8259, -45.8443 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, 64, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 129)  
}
```

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, 64, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 129) }
```

Border

The CSS property to change the border of an element to YUV 52.2740, 37.8259, -45.8443 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, 64, 129) }
```

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

```
.border{ border-color:rgb(0, 64, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 64, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 64, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 64, 129)  
}
```


Background

The CSS property to change the background color of an element to YUV 52.2740, 37.8259, -45.8443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 129) }
```

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

```
.background{ background-color: rgb(0, 64,  
129) }
```

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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