

Converting Colors

YUV(52.7540, 33.1523,
-40.1263)

Have a look what the booklet for
YUV(52.7540, 33.1523, -40.1263)
contains.

YUV(52.7540, 33.1523, -40.1263)	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(52.7540, 33.1523,
-40.1263)**

Conversions

Conversions Part 1

Format	Color
Hex	073F78
RGB	7, 63, 120
RGB Percent	3%, 25%, 47%
CMY	0.9725, 0.7529, 0.5294
CMYK	0.94, 0.47, 0.00, 0.53
HSL	210°, 89%, 25%
HSV	210°, 94%, 47%
XYZ	5.2553, 4.9563, 18.4490
YIQ	52.7540, -51.6730, 5.8550

Conversions

Conversions Part 2

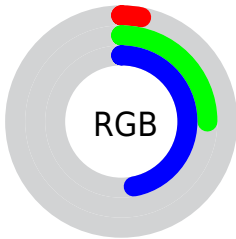
Format	Color
R_{YB}	7, 44, 120
Decimal	475000
CIE _{Lab}	26.61, 6.82, -37.21
CIE _{LCh}	27, 37.826, 280.388
Yxy	4.9563, 0.1834, 0.1729
Android (android.graphics.Color)	4278665080 (0xFF073F78)
YUV	52.7540, 33.1523, -40.1263
Hunter-Lab	22.2626, 3.1769, -33.5496

Details

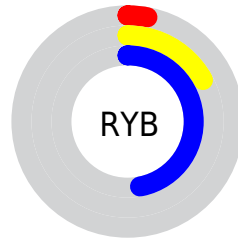
The YUV color **52.7540, 33.1523, -40.1263** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **74.2460, -33.1523, 40.1263**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.0160, 32.5301, -27.2010**, and **21.0080, 24.6461, -18.4240** is the 20% darker color. If you saturate the color by 10%, you get **48.3130, 35.3417, -42.3705**, and if you desaturate by 10%, it is **59.8640, 29.6470, -35.8377**.

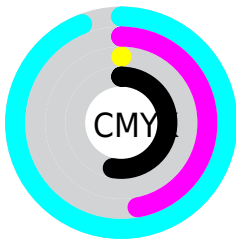
Distribution



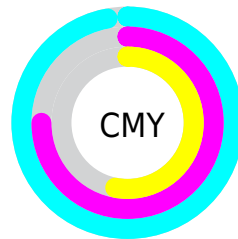
- Red (3%)
- Green (25%)
- Blue (47%)



- Red (3%)
- Yellow (17%)
- Blue (47%)



- Cyan (94%)
- Magenta (47%)
- Yellow (0%)
- Black (53%)



- Cyan (97%)
- Magenta (75%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.7540, 33.1523, -40.1263 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 52.7540, 33.1523, -40.1263 by changing the saturation by 10% instead.

■ 52.7540, 33.1523,
-40.1263

■ 52.7540, 33.1523,
-40.1263

■ 255.0000, 0.0000,
0.0000

■ 35.4840, 29.3414,
-31.1195

■ 107.0160, 32.5301,
-27.2010

■ 21.0080, 24.6461,
-18.4240

■ 133.1410, 32.9615,
-25.5567

■ 7.8200, 19.8087,
-6.8581

■ 160.0810, 33.9771,
-24.6270

■ 3.5510, 11.0674,
-3.1142

■ 186.9670, 33.5403,
-24.5271

■ 0.0000, 0.0000,
0.0000

■ 212.0740, 21.1625,
-21.1129

■ 237.1810, 8.7848,

-17.6987

252.3090, 1.3267,
-5.5330

52.7540, 33.1523,
-40.1263

52.7540, 33.1523,
-40.1263

48.3130, 35.3417,
-42.3705

59.8640, 29.6470,
-35.8377

66.9740, 26.1418,
-31.5492

74.0840, 22.6366,
-27.2607

81.1940, 19.1314,
-22.9721

88.3040, 15.6261,
-18.6836

■ 95.4140, 12.1209,
-14.3951

■ 102.5240, 8.6157,
-10.1065

■ 109.6340, 5.1104,
-5.8180

■ 116.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



55.0150, 30.5586, -48.2482



52.7540, 33.1523, -40.1263



65.1580, 20.6281, 10.3854

Triad

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



52.7540, 33.1523, -40.1263



60.3230, -16.4282, 42.6897



48.8130, -3.3588, -42.8090

Complementary

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



52.7540, 33.1523, -40.1263



74.2460, -33.1523, 40.1263

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.



53.7380, -19.5908, -16.4332



52.7540, 33.1523, -40.1263



59.4340, -28.3150, 28.5604

Square

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



52.7540, 33.1523, -40.1263



59.6130, -2.7672, 47.6974



58.4870, -28.8341, 8.3429



52.8200, 9.4557, -46.3231

Rectangle

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



52.7540, 33.1523, -40.1263



63.8570, 13.8745, 29.9434



58.4870, -28.8341, 8.3429



47.2000, -7.0006, -41.3944

Sweetspot

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



52.7540, 33.1523, -40.1263



129.9300, 12.8525, -15.7246



79.7150, -8.2405, -63.7711



62.7090, 8.0315, -9.3918



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



52.7540, 33.1523, -40.1263



62.9830, 45.8574, -55.2361



19.8820, 49.3582, -11.2975



57.4450, 1.7526, -2.1443



50.6440, 36.6575, -44.4148



102.1030, 73.8992, -89.5443

Inverse Universe

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



47.1710, 7.8037, 63.8710



55.4220, 10.6380, 88.2069



107.1180, -49.3582, 11.2975



57.1360, 0.4260, 3.3887



44.4430, 8.6556, 70.6485



89.5980, 17.4532, 142.4266

Previews

White Background



This preview shows how the YUV color 52.7540, 33.1523, -40.1263 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 52.7540, 33.1523, -40.1263 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 52.7540, 33.1523, -40.1263

Background



This preview shows how black text looks on a background with the YUV color 52.7540, 33.1523, -40.1263.



This preview shows how white text looks on a background with the YUV color 52.7540, 33.1523, -40.1263.

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

52.7540, 33.1523, -40.1263

Protanopia

59.1260, 29.0249, -22.9125

Deuteranopia

51.0370, 30.5478, -44.7594



Tritanopia

49.6400, 12.5025, -43.5343

Trichromacy



Original Color

52.7540, 33.1523, -40.1263

Protanomaly

57.1360, 30.4990, -29.0603

Deuteranomaly

51.6890, 31.7053, -42.7003

Tritanomaly

50.6000, 19.9172, -41.7452

Monochromacy



Original Color

52.7540, 33.1523, -40.1263

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0010, 11.8315, -14.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.7540, 33.1523, -40.1263 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(7, 63, 120)` looks like.

```
.text, #text, p{  
    color:rgb(7, 63, 120)  
}
```

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(7, 63, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 63, 120) }
```

Border

The CSS property to change the border of an element to YUV 52.7540, 33.1523, -40.1263 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(7, 63, 120) }
```


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

```
.border{ border-color:rgb(7, 63, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 63, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 63, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 63, 120);  
box-shadow:4px 4px 4px 4px rgb(7, 63, 120)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.7540, 33.1523, -40.1263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 63, 120) }
```

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

```
.background{ background-color: rgb(7, 63,  
120) }
```

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