

Converting Colors

YUV(54.0140, 35.4891,
-42.9853)

Have a look what the booklet for
YUV(54.0140, 35.4891, -42.9853)
contains.

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Color

**YUV(54.0140, 35.4891,
-42.9853)**

Conversions

Conversions Part 1

Format	Color
Hex	05417E
RGB	5, 65, 126
RGB Percent	2%, 25%, 49%
CMY	0.9804, 0.7451, 0.5059
CMYK	0.96, 0.48, 0.00, 0.51
HSL	210°, 92%, 26%
HSV	210°, 96%, 49%
XYZ	5.7188, 5.3192, 20.4640
YIQ	54.0140, -55.3410, 6.2510

Conversions

Conversions Part 2

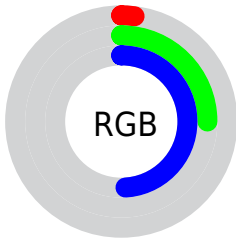
Format	Color
RYB	5, 45, 126
Decimal	344446
CIELab	27.63, 7.88, -39.35
CIELCh	28, 40.128, 281.332
Yxy	5.3192, 0.1815, 0.1689
Android (android.graphics.Color)	4278534526 (0xFF05417E)
YUV	54.0140, 35.4891, -42.9853
Hunter-Lab	23.0634, 3.8996, -36.4631

Details

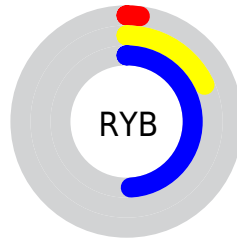
The YUV color **54.0140, 35.4891, -42.9853** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **76.9860, -35.4891, 42.9853**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1730, 34.4247, -28.2157**, and **22.7520, 26.2513, -19.9535** is the 20% darker color. If you saturate the color by 10%, you get **50.7580, 37.0943, -44.5148**, and if you desaturate by 10%, it is **61.4230, 31.8365, -38.0820**.

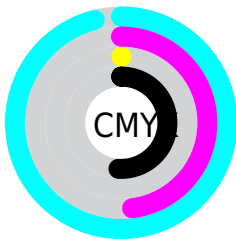
Distribution



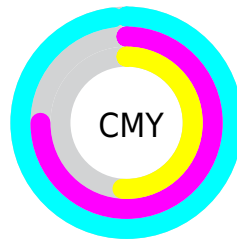
- Red (2%)
- Green (25%)
- Blue (49%)



- Red (2%)
- Yellow (18%)
- Blue (49%)



- Cyan (96%)
- Magenta (48%)
- Yellow (0%)
- Black (51%)



- Cyan (98%)
- Magenta (75%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.0140, 35.4891, -42.9853 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 54.0140, 35.4891, -42.9853 by changing the saturation by 10% instead.

■ 54.0140, 35.4891,
-42.9853

■ 54.0140, 35.4891,
-42.9853

■ 255.0000, 0.0000,
0.0000

■ 36.7550, 31.6728,
-32.2341

■ 109.1730, 34.4247,
-28.2157

■ 22.7520, 26.2513,
-19.9535

■ 135.4120, 35.2929,
-26.6713

■ 8.9770, 21.7033,
-7.8728

■ 162.8250, 35.5823,
-26.1565

■ 4.7080, 12.9620,
-4.1289

■ 189.3260, 32.3773,
-24.8419

■ 0.2280, 0.8736,
-0.2000

■ 213.8460, 20.2889,
-20.9129

■ 0.0000, 0.0000,
0.0000

■ 239.5400, 7.6218,

-18.0136

253.2060, 0.8844,
-3.6887

54.0140, 35.4891,
-42.9853

54.0140, 35.4891,
-42.9853

50.7580, 37.0943,
-44.5148

61.4230, 31.8365,
-38.0820

69.1200, 28.0418,
-34.3082

76.5290, 24.3892,
-29.4049

83.6390, 20.8840,
-25.1164

91.6350, 16.9419,
-20.7279

■ 99.0440, 13.2893,
-15.8246

■ 106.1540, 9.7841,
-11.5361

■ 114.1500, 5.8420,
-7.1476

■ 121.2600, 2.3368,
-2.8590

Harmonies

Analogous

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



57.5740, 32.7480, -50.4924



54.0140, 35.4891, -42.9853



66.9240, 22.2225, 12.3447

Triad

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



54.0140, 35.4891, -42.9853



61.9920, -17.7441, 44.7340



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.



54.0140, 35.4891, -42.9853



76.9860, -35.4891, 42.9853

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.



55.0860, -20.7484, -18.4924



54.0140, 35.4891, -42.9853



61.8640, -30.4990, 29.0603

Square

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



54.0140, 35.4891, -42.9853



61.5210, -3.2149, 51.2861



59.9600, -29.5603, 7.9281



55.0370, 10.3348, -48.2674

Rectangle

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



54.0140, 35.4891, -42.9853



65.6940, 14.4479, 32.7174



59.9600, -29.5603, 7.9281



49.0750, -7.4320, -43.0388

Sweetspot

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



54.0140, 35.4891, -42.9853



134.8590, 13.8735, -16.5393



82.9810, -8.3716, -68.3893



64.5240, 8.6157, -10.1065



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



54.0140, 35.4891, -42.9853



66.1290, 47.7574, -57.9951



18.7940, 52.8526, -12.0973



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.



48.0190, 8.3716, 68.3893



57.9710, 11.3533, 92.1104



112.2060, -52.8526, 12.0973



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 54.0140, 35.4891, -42.9853 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 54.0140, 35.4891, -42.9853 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 54.0140, 35.4891, -42.9853

Background



This preview shows how black text looks on a background with the YUV color 54.0140, 35.4891, -42.9853.



This preview shows how white text looks on a background with the YUV color 54.0140, 35.4891, -42.9853.

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

54.0140, 35.4891, -42.9853

Protanopia

60.6850, 31.2143, -25.1567

Deuteranopia

52.6670, 31.7162, -46.1890



Tritanopia

51.7430, 12.9447, -45.3786

Trichromacy



Original Color

54.0140, 35.4891, -42.9853

Protanomaly

58.3960, 32.8358, -31.9193

Deuteranomaly

53.0200, 33.0211, -44.7445

Tritanomaly

52.5180, 20.9436, -44.3043

Monochromacy



Original Color

54.0140, 35.4891, -42.9853

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9300, 12.8525, -15.7246

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.0140, 35.4891, -42.9853 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(5, 65, 126)` looks like.

```
.text, #text, p{  
    color:rgb(5, 65, 126)  
}
```

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(5, 65, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 65, 126) }
```

Border

The CSS property to change the border of an element to YUV 54.0140, 35.4891, -42.9853 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(5, 65, 126) }
```


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

```
.border{ border-color:rgb(5, 65, 126) }
```

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

Here you see how a box with a 4 pixel rgb(5, 65, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 65, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 65, 126);  
box-shadow:4px 4px 4px 4px rgb(5, 65, 126)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.0140, 35.4891, -42.9853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 65, 126) }
```

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

```
.background{ background-color: rgb(5, 65,  
126) }
```

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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