

Converting Colors

YUV(53.7540, 26.7433, 8.9857)

Have a look what the booklet for
YUV(53.7540, 26.7433, 8.9857)
contains.

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Color

**YUV(53.7540, 26.7433,
8.9857)**

Conversions

Conversions Part 1

Format	Color
Hex	40266C
RGB	64, 38, 108
RGB Percent	25%, 15%, 42%
CMY	0.7490, 0.8510, 0.5765
CMYK	0.41, 0.65, 0.00, 0.58
HSL	262°, 48%, 29%
HSV	262°, 65%, 42%
XYZ	5.5142, 3.5589, 14.5837
YIQ	53.7540, -6.9740, 27.2820

Conversions

Conversions Part 2

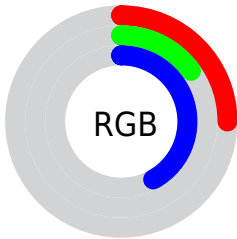
Format	Color
R_{YB}	64, 38, 108
Decimal	4204140
CIE _{Lab}	22.16, 29.10, -36.54
CIE _{LCh}	22, 46.711, 308.527
Yxy	3.5589, 0.2331, 0.1504
Android (android.graphics.Color)	4282394220 (0xFF40266C)
YUV	53.7540, 26.7433, 8.9857
Hunter-Lab	18.8651, 19.1613, -32.6285

Details

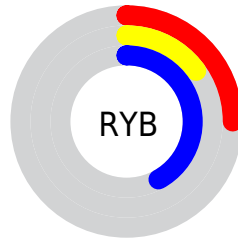
The YUV color **53.7540, 26.7433, 8.9857** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **92.2460, -26.7433, -8.9857**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.9330, 28.6270, 11.4598**, and **11.9230, 23.7020, 4.4525** is the 20% darker color. If you saturate the color by 10%, you get **45.2040, 30.9584, 10.3451**, and if you desaturate by 10%, it is **62.3040, 22.5281, 7.6264**.

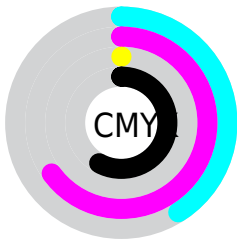
Distribution



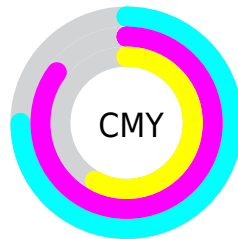
- Red (25%)
- Green (15%)
- Blue (42%)



- Red (25%)
- Yellow (15%)
- Blue (42%)



- Cyan (41%)
- Magenta (65%)
- Yellow (0%)
- Black (58%)



- Cyan (75%)
- Magenta (85%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.7540, 26.7433, 8.9857 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 53.7540, 26.7433, 8.9857 by changing the saturation by 10% instead.

■ 53.7540, 26.7433,
8.9857

■ 53.7540, 26.7433,
8.9857

■ 255.0000, 0.0000,
0.0000

■ 30.5150, 25.8751,
7.4413

■ 101.9330, 28.6270,
11.4598

■ 11.9230, 23.7020,
4.4525

■ 127.7590, 29.2058,
12.4894

■ 5.3920, 15.5827,
-4.7288

■ 154.2860, 29.9320,
12.9042

■ 2.1830, 5.8258,
-1.9145

■ 181.2260, 30.9476,
13.8338

■ 0.0000, 0.0000,
0.0000

■ 206.7010, 23.8114,
16.0482

■ 231.8080, 11.4337,

19.4624

249.1300, 2.8939,
5.1480

53.7540, 26.7433,
8.9857

53.7540, 26.7433,
8.9857

45.2040, 30.9584,
10.3451

62.3040, 22.5281,
7.6264

36.6540, 35.1736,
11.7044

70.8540, 18.3130,
6.2670

28.9900, 38.9519,
13.1638

78.5180, 14.5346,
4.8077

24.2720, 41.2779,
13.7935

87.0680, 10.3195,
3.4484

95.6180, 6.1043,
2.0890

■ 104.1680, 1.8892,
0.7297

■ 112.7180, -2.3260,
-0.6297

■ 120.3820, -6.1043,
-2.0890

■ 128.9320,
-10.3195, -3.4484

Harmonies

Analogous

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



46.3070, 37.8096, -40.6112



53.7540, 26.7433, 8.9857



45.9500, 16.2937, 47.4019

Triad

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



53.7540, 26.7433, 8.9857



50.3680, -24.8314, 31.2493



46.3970, 7.6923, -40.6902

Complementary

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



53.7540, 26.7433, 8.9857



92.2460, -26.7433, -8.9857

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.



41.7060, -7.7431, -36.5762



53.7540, 26.7433, 8.9857



49.6270, -24.4661, 7.3431

Square

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



53.7540, 26.7433, 8.9857



44.2750, -16.8976, 53.2558



41.7760, -20.5956, -20.8516



50.2730, 22.5434, -44.0894

Rectangle

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



53.7540, 26.7433, 8.9857



39.2740, 8.2459, 62.0267



41.7760, -20.5956, -20.8516



45.0290, 2.4507, -39.4904

Sweetspot

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



53.7540, 26.7433, 8.9857



119.9540, 9.8827, 3.5483



71.8080, 17.8427, -29.6496



58.6180, 6.1043, 2.0890



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



53.7540, 26.7433, 8.9857



55.3860, 41.7147, 13.6935



64.2190, 21.5840, 30.5029



49.2820, 2.3260, 0.6297



26.4940, 44.6195, 15.3528



55.1390, 93.6015, 31.4501

Inverse Universe

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



63.9460, 8.9006, 38.6354



71.4570, 14.0717, 60.1122



81.7810, -21.5840, -30.5029



50.2500, 0.8628, 3.2887



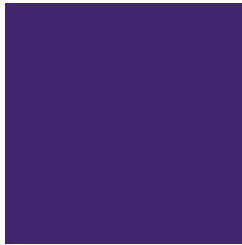
43.4190, 15.0764, 64.5305



90.8110, 31.1522, 135.2238

Previews

White Background



This preview shows how the YUV color 53.7540, 26.7433, 8.9857 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 53.7540, 26.7433, 8.9857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

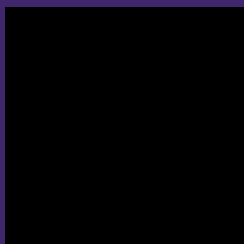
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.7540, 26.7433, 8.9857

Background



This preview shows how black text looks on a background with the YUV color 53.7540, 26.7433, 8.9857.



This preview shows how white text looks on a background with the YUV color 53.7540, 26.7433,

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

53.7540, 26.7433, 8.9857

Protanopia

42.9500, 32.5627, -37.6671

Deuteranopia

43.1150, 25.5793, -37.8119



Tritanopia

53.1570, 1.8946, -1.0147

Trichromacy



Original Color

53.7540, 26.7433, 8.9857

Protanomaly

46.8920, 30.6192, -20.9533

Deuteranomaly

47.0400, 26.1093, -21.0831

Tritanomaly

53.5840, 11.0511, 2.1188

Monochromacy



Original Color

53.7540, 26.7433, 8.9857

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9540, 9.8827, 3.5483

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.7540, 26.7433, 8.9857 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(64, 38, 108)` looks like.

```
.text, #text, p{  
    color:rgb(64, 38, 108)  
}
```

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(64, 38, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 38, 108) }
```

Border

The CSS property to change the border of an element to YUV 53.7540, 26.7433, 8.9857 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(64, 38, 108) }
```


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

```
.border{ border-color:rgb(64, 38, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 38, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 38, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 38, 108);  
box-shadow:4px 4px 4px 4px rgb(64, 38,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 53.7540, 26.7433, 8.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 38, 108) }
```

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

```
.background{ background-color: rgb(64, 38,  
108) }
```

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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