

Converting Colors

YUV(57.3140, 40.7642, -8.1684)

Have a look what the booklet for
YUV(57.3140, 40.7642, -8.1684)
contains.

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Color

**YUV(57.3140, 40.7642,
-8.1684)**

Conversions

Conversions Part 1

Format	Color
Hex	302E8C
RGB	48, 46, 140
RGB Percent	19%, 18%, 55%
CMY	0.8118, 0.8196, 0.4510
CMYK	0.66, 0.67, 0.00, 0.45
HSL	241°, 51%, 36%
HSV	241°, 67%, 55%
XYZ	6.9295, 4.4758, 25.3096
YIQ	57.3140, -28.9820, 29.6580

Conversions

Conversions Part 2

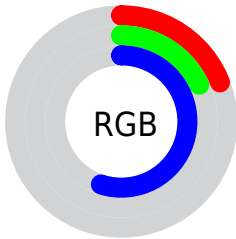
Format	Color
R_{YB}	48, 46, 140
Decimal	3157644
CIE _{Lab}	25.19, 31.35, -51.96
CIE _{LCh}	25, 60.687, 301.106
Yxy	4.4758, 0.1887, 0.1219
Android (android.graphics.Color)	4281347724 (0xFF302E8C)
YUV	57.3140, 40.7642, -8.1684
Hunter-Lab	21.1561, 21.4432, -56.1209

Details

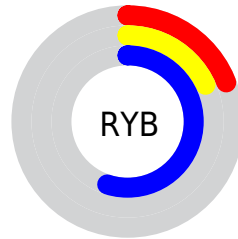
The YUV color **57.3140, 40.7642, -8.1684** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **128.6860, -40.7642, 8.1684**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.5150, 42.6371, -2.2057**, and **12.4940, 37.7175, -10.9572** is the 20% darker color. If you saturate the color by 10%, you get **44.9100, 46.8794, -9.5681**, and if you desaturate by 10%, it is **69.7180, 34.6490, -6.7687**.

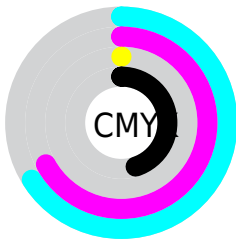
Distribution



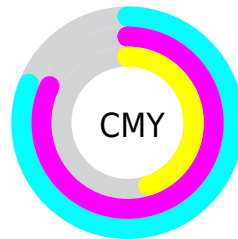
- Red (19%)
- Green (18%)
- Blue (55%)



- Red (19%)
- Yellow (18%)
- Blue (55%)



- Cyan (66%)
- Magenta (67%)
- Yellow (0%)
- Black (45%)



- Cyan (81%)
- Magenta (82%)
- Yellow (45%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.3140, 40.7642, -8.1684 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 57.3140, 40.7642, -8.1684 by changing the saturation by 10% instead.

■ 57.3140, 40.7642,
-8.1684

■ 57.3140, 40.7642,
-8.1684

■ 255.0000, 0.0000,
0.0000

■ 29.7640, 41.5283,
-19.9640

■ 107.5150, 42.6371,
-2.2057

■ 12.4940, 37.7175,
-10.9572

■ 133.8680, 43.9421,
-0.7612

■ 7.4100, 28.3919,
-6.4986

■ 161.1070, 44.8102,
0.7832

■ 6.5490, 17.4773,
-5.7435

■ 185.6700, 34.1797,
3.7974

■ 2.8670, 8.4466,
-2.5144

■ 210.1900, 22.0913,
7.7264

■ 0.0000, 0.0000,
0.0000

■ 235.5960, 9.5662,

11.7553

254.4130, 0.2894,
0.5148

■ 57.3140, 40.7642,
-8.1684

■ 57.3140, 40.7642,
-8.1684

■ 44.9100, 46.8794,
-9.5681

■ 69.7180, 34.6490,
-6.7687

■ 32.8050, 52.8471,
-10.3530

■ 81.8230, 28.6813,
-5.9838

■ 20.4010, 58.9623,
-11.7527

■ 94.2270, 22.5661,
-4.5841

■ 16.8570, 60.7095,
-12.1526

■ 106.6310, 16.4509,
-3.1844

■ 119.0350, 10.3357,
-1.7847

■ 131.1400, 4.3680,
-0.9998

■ 143.5440, -1.7472,
0.3999

■ 155.9480, -7.8624,
1.7996

■ 168.0530,
-13.8301, 2.5845

Harmonies

Analogous

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



56.2980, 48.1671, -49.3733



57.3140, 40.7642, -8.1684



45.7570, 29.2068, 58.9721

Triad

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



57.3140, 40.7642, -8.1684



54.0110, -26.6274, 47.3484



52.0390, 3.9248, -45.6382

Complementary

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



57.3140, 40.7642, -8.1684



128.6860, -40.7642, 8.1684

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.



44.8230, -18.6467, -39.3098



57.3140, 40.7642, -8.1684



56.4600, -27.8348, 14.5056

Square

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



57.3140, 40.7642, -8.1684



40.5800, -12.6109, 78.4213



47.6680, -23.5003, -22.5108



57.9840, 24.1649, -50.8520

Rectangle

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



57.3140, 40.7642, -8.1684



47.7190, 13.4495, 73.0374



47.6680, -23.5003, -22.5108



50.2150, -3.0640, -44.0386

Sweetspot

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



57.3140, 40.7642, -8.1684



149.4030, 15.5773, -2.9844



110.7200, 14.4350, -56.7594



72.5080, 9.6096, -2.1995



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



57.3140, 40.7642, -8.1684



51.9540, 63.6197, -12.2377



71.3670, 33.8361, 20.7261



62.7980, 3.0576, -0.6998



16.0590, 57.6519, -11.4527



0.5700, 2.1840, -0.4999

Inverse Universe

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



84.5940, 26.3292, 48.5911



94.3690, 41.2301, 75.9754



114.6330, -33.8361, -20.7261



64.8910, 2.0257, 3.6036



54.5870, 37.1786, 68.7682



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 57.3140, 40.7642, -8.1684 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 57.3140, 40.7642, -8.1684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

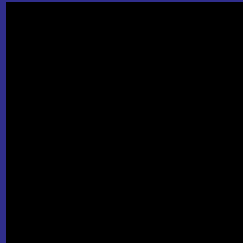
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.3140, 40.7642, -8.1684

Background



This preview shows how black text looks on a background with the YUV color 57.3140, 40.7642, -8.1684.



This preview shows how white text looks on a background with the YUV color 57.3140, 40.7642, -8.1684.

-8.1684.

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

57.3140, 40.7642, -8.1684

Protanopia

47.9540, 36.5047, -42.0557

Deuteranopia

48.3640, 27.9215, -42.4152



Tritanopia

46.8360, 11.9129, -41.0752

Trichromacy



Original Color

57.3140, 40.7642, -8.1684

Protanomaly

51.4870, 38.2139, -30.2451

Deuteranomaly

51.4070, 32.8303, -30.1749

Tritanomaly

50.6600, 22.3526, -29.5198

Monochromacy



Original Color

57.3140, 40.7642, -8.1684

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1750, 14.7037, -2.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.3140, 40.7642, -8.1684 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(48, 46, 140)` looks like.

```
.text, #text, p{  
    color:rgb(48, 46, 140)  
}
```

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(48, 46, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 46, 140) }
```

Border

The CSS property to change the border of an element to YUV 57.3140, 40.7642, -8.1684 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(48, 46, 140) }
```


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

```
.border{ border-color:rgb(48, 46, 140) }
```

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

Here you see how a box with a 4 pixel rgb(48, 46, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 46, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 46, 140);  
box-shadow:4px 4px 4px 4px rgb(48, 46,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 57.3140, 40.7642, -8.1684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 46, 140) }
```

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

```
.background{ background-color: rgb(48, 46,  
140) }
```

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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