

Converting Colors

YUV(57.2960, 37.8151,
-42.3556)

Have a look what the booklet for
YUV(57.2960, 37.8151, -42.3556)
contains.

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Color

**YUV(57.2960, 37.8151,
-42.3556)**

Conversions

Conversions Part 1

Format	Color
Hex	094386
RGB	9, 67, 134
RGB Percent	4%, 26%, 53%
CMY	0.9647, 0.7373, 0.4745
CMYK	0.93, 0.50, 0.00, 0.47
HSL	212°, 87%, 28%
HSV	212°, 93%, 53%
XYZ	6.4229, 5.7936, 23.3340
YIQ	57.2960, -56.0750, 8.5410

Conversions

Conversions Part 2

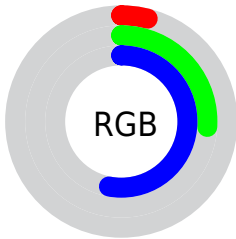
Format	Color
R_YB	9, 49, 134
Decimal	607110
CIE _{Lab}	28.89, 10.18, -42.30
CIE _{LCh}	29, 43.505, 283.539
Yxy	5.7936, 0.1807, 0.1630
Android (android.graphics.Color)	4278797190 (0xFF094386)
YUV	57.2960, 37.8151, -42.3556
Hunter-Lab	24.0699, 5.5091, -40.6283

Details

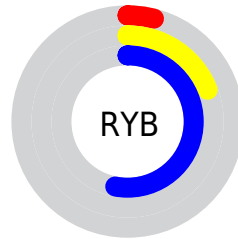
The YUV color **57.2960, 37.8151, -42.3556** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **85.7040, -37.8151, 42.3556**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.5690, 37.1875, -27.6860**, and **24.8380, 29.1669, -21.7829** is the 20% darker color. If you saturate the color by 10%, you get **51.6700, 40.5887, -45.3146**, and if you desaturate by 10%, it is **65.2920, 33.8730, -37.9671**.

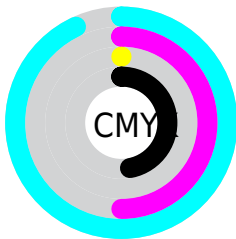
Distribution



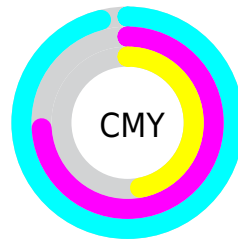
- Red (4%)
- Green (26%)
- Blue (53%)



- Red (4%)
- Yellow (19%)
- Blue (53%)



- Cyan (93%)
- Magenta (50%)
- Yellow (0%)
- Black (47%)



- Cyan (96%)
- Magenta (74%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.2960, 37.8151, -42.3556 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 57.2960, 37.8151, -42.3556 by changing the saturation by 10% instead.

■ 57.2960, 37.8151,
-42.3556

■ 57.2960, 37.8151,
-42.3556

■ 255.0000, 0.0000,
0.0000

■ 38.7270, 34.1516,
-33.9636

■ 112.5690, 37.1875,
-27.6860

■ 24.8380, 29.1669,
-21.7829

■ 139.3950, 37.7663,
-26.6564

■ 8.0140, 25.6291,
-7.0283

■ 166.5200, 38.1976,
-25.0120

■ 5.3920, 15.5827,
-4.7288

■ 191.9950, 31.0615,
-22.7976

■ 2.1830, 5.8258,
-1.9145

■ 217.1020, 18.6837,
-19.3835

■ 0.0000, 0.0000,
0.0000

■ 242.2090, 6.3060,

-15.9693

254.7010, 0.1474,
-0.6148

■ 57.2960, 37.8151,
-42.3556

■ 57.2960, 37.8151,
-42.3556

■ 51.6700, 40.5887,
-45.3146

■ 65.2920, 33.8730,
-37.9671

■ 73.5870, 29.7836,
-32.9638

■ 82.1700, 25.5522,
-29.0901

■ 90.4650, 21.4628,
-24.0868

■ 98.4610, 17.5207,
-19.6983

■ 106.4570, 13.5787,
-15.3098

■ 114.7520, 9.4893,
-10.3065

■ 122.7480, 5.5472,
-5.9180

■ 131.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



60.3610, 35.8110, -52.9366



57.2960, 37.8151, -42.3556



70.1740, 23.0852, 15.6334

Triad

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



57.2960, 37.8151, -42.3556



64.0310, -20.2283, 48.2078



53.6060, -2.7638, -47.0125

Complementary

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



57.2960, 37.8151, -42.3556



85.7040, -37.8151, 42.3556

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.



55.9390, -21.1689, -23.6255



57.2960, 37.8151, -42.3556



64.5220, -31.8093, 29.3602

Square

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



57.2960, 37.8151, -42.3556



62.3260, -4.1047, 56.7191



62.3080, -30.7178, 5.8689



58.1830, 12.2348, -51.0265

Rectangle

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



57.2960, 37.8151, -42.3556



67.9550, 15.3052, 37.7505



62.3080, -30.7178, 5.8689



51.6510, -7.7159, -45.2979

Sweetspot

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



57.2960, 37.8151, -42.3556



143.3860, 14.5997, -16.1245



90.0130, -6.9084, -71.0484



68.6380, 9.0525, -10.2065



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



57.2960, 37.8151, -42.3556



66.6820, 52.4148, -58.4801



24.4460, 54.0101, -10.0381



62.4450, 1.7526, -2.1443



50.0400, 39.4203, -43.8851



0.9290, 1.0210, -0.8147

Inverse Universe

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



52.9870, 6.9084, 71.0484



60.8470, 9.4424, 98.3582



118.5540, -54.0101, 10.0381



62.1360, 0.4260, 3.3887



45.7100, 7.0450, 73.9223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 57.2960, 37.8151, -42.3556 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 57.2960, 37.8151, -42.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

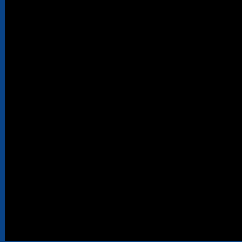
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.2960, 37.8151, -42.3556

Background



This preview shows how black text looks on a background with the YUV color 57.2960, 37.8151, -42.3556.



This preview shows how white text looks on a background with the YUV color 57.2960, 37.8151, -42.3556.

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

57.2960, 37.8151, -42.3556

Protanopia

62.2760, 34.8669, -30.0601

Deuteranopia

54.8840, 32.5952, -48.1333



Tritanopia

53.8460, 13.3869, -47.2229

Trichromacy



Original Color

57.2960, 37.8151, -42.3556

Protanomaly

60.1830, 35.8988, -34.3635

Deuteranomaly

55.7640, 34.6263, -46.2740

Tritanomaly

55.1480, 22.1120, -45.7338

Monochromacy



Original Color

57.2960, 37.8151, -42.3556

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.4570, 13.5787, -15.3098

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.2960, 37.8151, -42.3556 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(9, 67, 134)` looks like.

```
.text, #text, p{  
    color:rgb(9, 67, 134)  
}
```

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(9, 67, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 67, 134) }
```

Border

The CSS property to change the border of an element to YUV 57.2960, 37.8151, -42.3556 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(9, 67, 134) }
```


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

```
.border{ border-color:rgb(9, 67, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 67, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 67, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 67, 134);  
box-shadow:4px 4px 4px 4px rgb(9, 67, 134)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.2960, 37.8151, -42.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 67, 134) }
```

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

```
.background{ background-color: rgb(9, 67,  
134) }
```

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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