

Converting Colors

YUV(140.1450, 27.0435, 6.0118)

Have a look what the booklet for
YUV(140.1450, 27.0435, 6.0118)
contains.

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Color

**YUV(140.1450, 27.0435,
6.0118)**

Conversions

Conversions Part 1

Format	Color
Hex	937EC3
RGB	147, 126, 195
RGB Percent	58%, 49%, 76%
CMY	0.4235, 0.5059, 0.2353
CMYK	0.25, 0.35, 0.00, 0.24
HSL	258°, 37%, 63%
HSV	258°, 35%, 76%
XYZ	29.3438, 25.0649, 54.9212
YIQ	140.1450, -9.6330, 25.9110

Conversions

Conversions Part 2

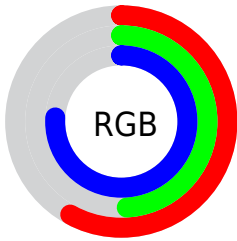
Format	Color
R_{YB}	147, 126, 195
Decimal	9666243
CIE _{Lab}	57.14, 22.68, -33.10
CIE _{LCh}	57, 40.128, 304.415
Yxy	25.0649, 0.2684, 0.2293
Android (android.graphics.Color)	4287856323 (0xFF937EC3)
YUV	140.1450, 27.0435, 6.0118
Hunter-Lab	50.0648, 17.0082, -29.9958

Details

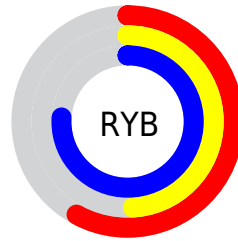
The YUV color **140.1450, 27.0435, 6.0118** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **180.8550, -27.0435, -6.0118**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1990, 28.4959, 6.8415**, and **89.6780, 25.3017, 4.6674** is the 20% darker color. If you saturate the color by 10%, you get **124.8060, 34.6056, 7.1861**, and if you desaturate by 10%, it is **156.0710, 19.1920, 4.3227**.

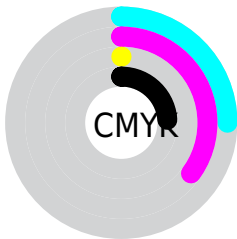
Distribution



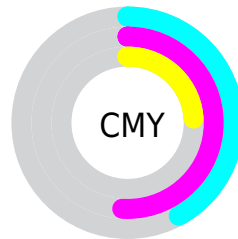
- Red (58%)
- Green (49%)
- Blue (76%)



- Red (58%)
- Yellow (49%)
- Blue (76%)



- Cyan (25%)
- Magenta (35%)
- Yellow (0%)
- Black (24%)



- Cyan (42%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.1450, 27.0435, 6.0118 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 140.1450, 27.0435, 6.0118 by changing the saturation by 10% instead.

■ 140.1450, 27.0435,
6.0118

■ 140.1450, 27.0435,
6.0118

■ 255.0000, 0.0000,
0.0000

■ 114.3190, 26.4647,
4.9822

■ 194.1990, 28.4959,
6.8415

■ 89.6780, 25.3017,
4.6674

■ 219.0610, 17.7179,
10.4705

■ 65.7380, 24.2862,
3.7378

■ 243.2600, 5.7878,
10.2960

■ 42.4990, 23.4180,
2.1934

■ 19.6620, 22.8446,
-0.5806

■ 5.0160, 19.2191,
-4.3990

■ 3.0950, 9.3202,

-2.7143

0.0000, 0.0000,
0.0000

140.1450, 27.0435,
6.0118

140.1450, 27.0435,
6.0118

124.8060, 34.6056,
7.1861

156.0710, 19.1920,
4.3227

109.1790, 42.3098,
9.4900

171.1110, 11.7773,
2.5337

93.8400, 49.8719,
10.6643

187.0370, 3.9258,
0.8446

78.2130, 57.5760,
12.9682

202.0770, -3.4890,
-0.9445

62.8740, 65.1381,
14.1425

218.0030,
-11.3405, -2.6336

■ 47.2470, 72.8422,
16.4464

■ 233.0430,
-18.7552, -4.4227

■ 39.8710, 76.4786,
16.7761

■ 244.2730,
-24.2916, -1.9934

■ 248.1600,
-26.2079, 5.9987

Harmonies

Analogous

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



131.5030, 37.2200, -38.1521



140.1450, 27.0435, 6.0118



141.3850, 13.1212, 38.2504

Triad

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



140.1450, 27.0435, 6.0118



135.9410, -30.5369, 41.2707



107.0590, 16.7329, -93.8907

Complementary

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



140.1450, 27.0435, 6.0118



180.8550, -27.0435, -6.0118

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.



123.1240, -8.4421, -45.7127



140.1450, 27.0435, 6.0118



133.8750, -33.9554, 17.6496

Square

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



140.1450, 27.0435, 6.0118



137.7160, -19.0870, 55.5001



130.0500, -26.1536, -11.4448



110.4620, 32.3102, -96.8752

Rectangle

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



140.1450, 27.0435, 6.0118



140.0140, 2.4581, 51.7307



130.0500, -26.1536, -11.4448



110.4750, 9.1328, -82.8546

Sweetspot

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



140.1450, 27.0435, 6.0118



230.4700, 10.6143, 2.2188



162.0420, 16.2483, -31.6088



114.4330, 6.6885, 1.3743



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



140.1450, 27.0435, 6.0118



167.9510, 41.4362, 9.6900



150.3110, 22.0317, 26.9143



89.0370, 3.9258, 0.8446



33.0050, 63.1015, 14.0276



6.7520, 12.9403, 2.8485

Inverse Universe

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



152.1030, 10.7952, 37.6207



186.1300, 16.6979, 57.7680



170.6890, -22.0317, -26.9143



90.7880, 1.5835, 5.4479



60.9070, 25.1888, 87.7816



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 140.1450, 27.0435, 6.0118 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 140.1450, 27.0435, 6.0118 looks on a black 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 × Fail

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

YUV 140.1450, 27.0435, 6.0118

Background



This preview shows how black text looks on a background with the YUV color 140.1450, 27.0435, 6.0118.



This preview shows how white text looks on a background with the YUV color 140.1450, 27.0435, 6.0118.

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

140.1450, 27.0435, 6.0118

Protanopia

136.6580, 32.2136, -18.9941

Deuteranopia

136.8170, 27.6982, -17.3795



Tritanopia

137.8520, 4.5100, 0.1298

Trichromacy



Original Color

140.1450, 27.0435, 6.0118

Protanomaly

138.1430, 30.0025, -9.7724

Deuteranomaly

137.8720, 27.6711, -8.6577

Tritanomaly

138.3390, 12.6509, 2.3337

Monochromacy



Original Color

140.1450, 27.0435, 6.0118

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2420, 9.7407, 2.4188

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.1450, 27.0435, 6.0118 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(147, 126, 195)` looks like.

```
.text, #text, p{  
    color:rgb(147, 126, 195)  
}
```

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(147, 126, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 126, 195) }
```

Border

The CSS property to change the border of an element to YUV 140.1450, 27.0435, 6.0118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

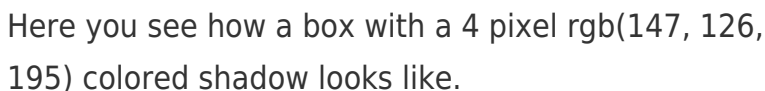
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 126, 195) }
```


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

```
.border{ border-color:rgb(147, 126, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 126, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 126, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 126, 195); box-shadow:4px 4px 4px 4px rgb(147, 126, 195) }
```

Background

The CSS property to change the background color of an element to YUV 140.1450, 27.0435, 6.0118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 126, 195) }
```

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

```
.background{ background-color: rgb(147,  
126, 195) }
```

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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