

Converting Colors

YUV(141.4040, 47.1288,
-89.8083)

Have a look what the booklet for
YUV(141.4040, 47.1288, -89.8083)
contains.

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Color

**YUV(141.4040, 47.1288,
-89.8083)**

Conversions

Conversions Part 1

Format	Color
Hex	27AFED
RGB	39, 175, 237
RGB Percent	15%, 69%, 93%
CMY	0.8471, 0.3137, 0.0706
CMYK	0.84, 0.26, 0.00, 0.07
HSL	199°, 85%, 54%
HSV	199°, 84%, 93%
XYZ	31.4527, 37.2057, 85.6444
YIQ	141.4040, -100.9580, -9.5500

Conversions

Conversions Part 2

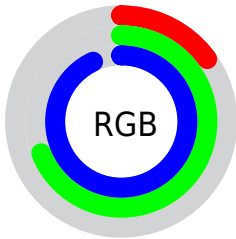
Format	Color
R _{YB}	39, 120, 237
Decimal	2600941
CIE _{Lab}	67.43, -13.78, -40.77
CIE _{LCh}	67, 43.037, 251.332
Yxy	37.2057, 0.2038, 0.2411
Android (android.graphics.Color)	4280791021 (0xFF27AFED)
YUV	141.4040, 47.1288, -89.8083
Hunter-Lab	60.9965, -14.7006, -40.5509

Details

The YUV color **141.4040, 47.1288, -89.8083** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **134.5960, -47.1288, 89.8083**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6610, 27.2821, -70.7397**, and **92.8350, 43.4653, -81.4163** is the 20% darker color. If you saturate the color by 10%, you get **130.1190, 52.6923, -100.9594**, and if you desaturate by 10%, it is **152.6890, 41.5653, -78.6573**.

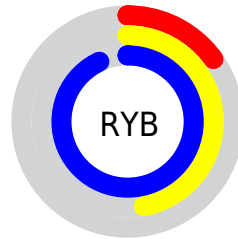
Distribution



Red (15%)

Green (69%)

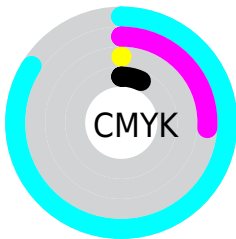
Blue (93%)



Red (15%)

Yellow (47%)

Blue (93%)

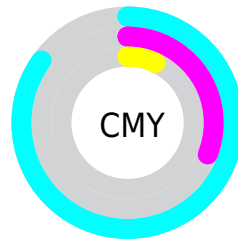


Cyan (84%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (85%)

Magenta (31%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.4040, 47.1288, -89.8083 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 141.4040, 47.1288, -89.8083 by changing the saturation by 10% instead.

■ 141.4040, 47.1288,
-89.8083

■ 141.4040, 47.1288,
-89.8083

■ 255.0000, 0.0000,
0.0000

■ 110.7020, 48.4609,
-97.0857

■ 199.6610, 27.2821,
-70.7397

■ 92.8350, 43.4653,
-81.4163

■ 223.9040, 15.3303,
-63.9368

■ 75.0820, 38.9066,
-65.8469

■ 233.4720, 10.6133,
-44.2639

■ 58.0300, 34.4952,
-50.8923

■ 242.7410, 6.0437,
-25.2059

■ 42.1520, 29.5051,
-36.9673

■ 252.0100, 1.4741,
-6.1478

■ 27.6760, 24.8097,
-24.2719

■ 9.2050, 22.5769,

-8.0728

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 141.4040, 47.1288,
-89.8083

■ 141.4040, 47.1288,
-89.8083

■ 130.1190, 52.6923,
-100.9594

■ 152.6890, 41.5653,
-78.6573

■ 122.6990, 56.3504,
-107.6070

■ 164.2620, 35.8598,
-68.6358

■ 175.5470, 30.2963,
-57.4847

■ 187.4190, 24.4434,
-46.8485

■ 198.4050, 19.0273,
-36.3122

■ 210.2770, 13.1744,
-25.6759

■ 221.5620, 7.6109,
-14.5249

■ 232.8470, 2.0474,
-3.3738

■ 244.4200, -3.6581,
6.6477

Harmonies

Analogous

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



131.2300, 40.8056, -115.0887



141.4040, 47.1288, -89.8083



161.6120, 38.6453, -28.6007

Triad

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



141.4040, 47.1288, -89.8083



166.4470, -7.6154, 62.7520



155.2230, -25.2529, -20.3666

Complementary

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



141.4040, 47.1288, -89.8083



134.5960, -47.1288, 89.8083

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.



159.8590, -36.4125, 12.4017



141.4040, 47.1288, -89.8083



164.6580, -24.4814, 59.0589

Square

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



141.4040, 47.1288, -89.8083



168.4680, 10.6153, 48.7016



162.6760, -35.3363, 40.6261



146.7740, -4.3256, -59.4378

Rectangle

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



141.4040, 47.1288, -89.8083



166.9750, 31.5643, 2.6529



162.6760, -35.3363, 40.6261



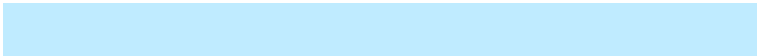
157.0350, -30.0903, -8.8007

Sweetspot

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



141.4040, 47.1288, -89.8083



224.1240, 15.2219, -29.0497



161.9520, -31.5283, -107.8289



109.2950, 9.2216, -17.7987



0.0000, 0.0000, 0.0000



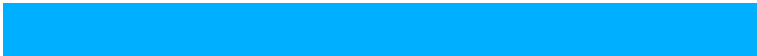
128.0000, 0.0000, 0.0000

Same Dimension

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



141.4040, 47.1288, -89.8083



131.7950, 60.7401, -115.5842



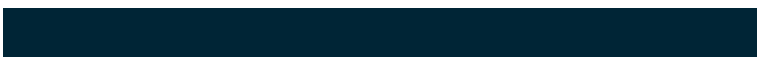
85.0520, 74.9104, -40.3876



111.9500, 2.4897, -5.2181



93.4220, 43.1760, -81.9311



27.8750, 12.8796, -24.4464

Inverse Universe

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



113.7060, 30.2179, 108.1288



96.1950, 38.8509, 139.2720



190.9480, -74.9104, 40.3876



110.2010, 1.8729, 5.9627



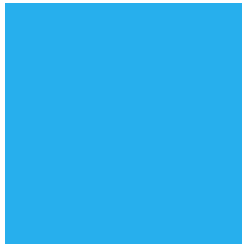
68.2550, 27.4823, 98.8774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 141.4040, 47.1288, -89.8083 looks on a white background.

Color Contrast Check

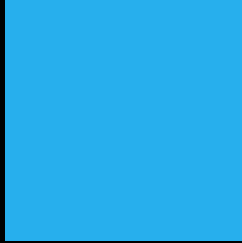
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 141.4040, 47.1288, -89.8083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

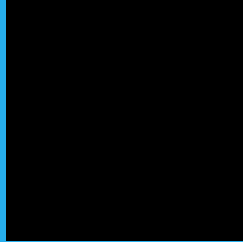
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

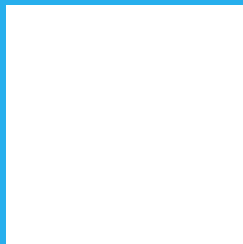
Any Text WCAG AAA ✓ Pass

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

YUV 141.4040, 47.1288, -89.8083 Background



This preview shows how black text looks on a background with the YUV color 141.4040, 47.1288, -89.8083.

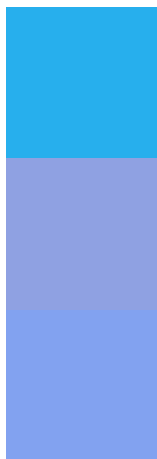


This preview shows how white text looks on a background with the YUV color 141.4040, 47.1288, -89.8083.

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

141.4040, 47.1288, -89.8083

Protanopia

163.0280, 31.0452, -17.5646

Deuteranopia

161.3240, 38.7873, -27.4711

Trichromacy



Original Color

141.4040, 47.1288, -89.8083

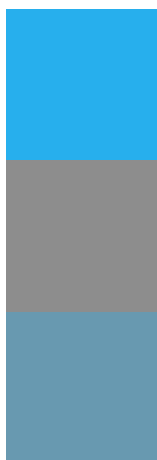
Protanomaly

155.0570, 36.9469, -43.9000

Deuteranomaly

154.2780, 41.7679, -50.2328

Monochromacy



Original Color

141.4040, 47.1288, -89.8083

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.9710, 17.2693, -32.4236

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.4040, 47.1288, -89.8083 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(39, 175, 237)` looks like.

```
.text, #text, p{  
    color:rgb(39, 175, 237)  
}
```

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(39, 175, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 175, 237) }
```

Border

The CSS property to change the border of an element to YUV 141.4040, 47.1288, -89.8083 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(39, 175, 237) }
```

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

```
.border{ border-color:rgb(39, 175, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 175, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 175, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 175, 237);  
box-shadow:4px 4px 4px 4px rgb(39, 175,  
237) }
```


Background

The CSS property to change the background color of an element to YUV 141.4040, 47.1288, -89.8083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 175, 237) }
```

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

```
.background{ background-color: rgb(39, 175,  
237) }
```

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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