

Converting Colors

YUV(130.2040, 47.2274,
-74.7239)

Have a look what the booklet for
YUV(130.2040, 47.2274, -74.7239)
contains.

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Color

**YUV(130.2040, 47.2274,
-74.7239)**

Conversions

Conversions Part 1

Format	Color
Hex	2D9BE2
RGB	45, 155, 226
RGB Percent	18%, 61%, 89%
CMY	0.8235, 0.3922, 0.1137
CMYK	0.80, 0.31, 0.00, 0.11
HSL	204°, 76%, 53%
HSV	204°, 80%, 89%
XYZ	26.5310, 29.4916, 76.2456
YIQ	130.2040, -88.3510, -1.2390

Conversions

Conversions Part 2

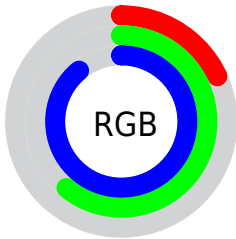
Format	Color
R_{YB}	45, 113, 226
Decimal	2989026
CIE _{Lab}	61.21, -6.05, -44.48
CIE _{LCh}	61, 44.885, 262.260
Yxy	29.4916, 0.2006, 0.2230
Android (android.graphics.Color)	4281179106 (0xFF2D9BE2)
YUV	130.2040, 47.2274, -74.7239
Hunter-Lab	54.3061, -7.8304, -45.2286

Details

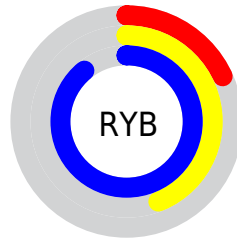
The YUV color **130.2040, 47.2274, -74.7239** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **140.7960, -47.2274, 74.7239**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3340, 33.3593, -59.9289**, and **80.4280, 44.1590, -70.5354** is the 20% darker color. If you saturate the color by 10%, you get **118.0440, 53.2223, -84.2306**, and if you desaturate by 10%, it is **142.3640, 41.2325, -65.2172**.

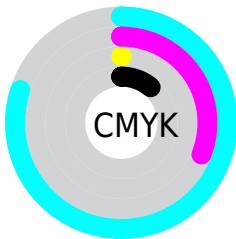
Distribution



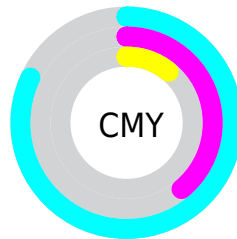
- Red (18%)
- Green (61%)
- Blue (89%)



- Red (18%)
- Yellow (44%)
- Blue (89%)



- Cyan (80%)
- Magenta (31%)
- Yellow (0%)
- Black (11%)



- Cyan (82%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.2040, 47.2274, -74.7239 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 130.2040, 47.2274, -74.7239 by changing the saturation by 10% instead.

■ 130.2040, 47.2274,
-74.7239

■ 130.2040, 47.2274,
-74.7239

■ 255.0000, 0.0000,
0.0000

■ 98.2950, 49.1546,
-86.2047

■ 187.3340, 33.3593,
-59.9289

■ 80.4280, 44.1590,
-70.5354

■ 213.0390, 20.6868,
-55.2852

■ 63.2620, 39.3108,
-55.4808

■ 232.8740, 10.9081,
-45.4935

■ 47.3840, 34.3207,
-41.5558

■ 242.1430, 6.3385,
-26.4354

■ 32.2070, 29.4779,
-28.2455

■ 251.4120, 1.7689,
-7.3773

■ 16.5570, 25.3614,
-14.5205

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 130.2040, 47.2274,
-74.7239

■ 130.2040, 47.2274,
-74.7239

■ 118.0440, 53.2223,
-84.2306

■ 142.3640, 41.2325,
-65.2172

■ 106.1830, 59.0698,
-93.1225

■ 154.2250, 35.3851,
-56.3253

■ 166.3850, 29.3902,
-46.8186

■ 177.6590, 23.8321,
-37.4119

■ 189.8190, 17.8372,
-27.9053

■ 201.9790, 11.8424,
-18.3986

■ 213.8400, 5.9949,
-9.5067

■ 226.0000, 0.0000,
0.0000

■ 237.8610, -5.8475,
8.8919

Harmonies

Analogous

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



120.2080, 44.2675, -105.4224



130.2040, 47.2274, -74.7239



148.0270, 35.9757, -12.3017

Triad

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



130.2040, 47.2274, -74.7239



148.1500, -13.8780, 64.7664



135.1440, -18.8050, -35.2063

Complementary

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



130.2040, 47.2274, -74.7239



140.7960, -47.2274, 74.7239

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.



141.5370, -34.7747, 0.4061



130.2040, 47.2274, -74.7239



146.8440, -29.9961, 54.5108

Square

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



130.2040, 47.2274, -74.7239



150.3290, 4.7678, 57.5935



144.8120, -38.3613, 30.8599



113.5330, 11.0762, -99.5684

Rectangle

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



130.2040, 47.2274, -74.7239



151.9230, 27.1530, 17.6075



144.8120, -38.3613, 30.8599



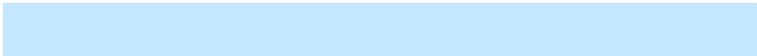
137.9130, -25.1001, -22.7257

Sweetspot

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



130.2040, 47.2274, -74.7239



222.6730, 15.9372, -25.1462



159.1130, -22.2407, -100.0771



108.1320, 9.7949, -15.0248



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.



130.2040, 47.2274, -74.7239



125.3930, 63.8963, -101.1997



77.9610, 72.9832, -28.9068



106.3630, 2.7790, -4.7034



82.8730, 45.9116, -72.6796



22.4950, 12.5740, -19.7281

Inverse Universe

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



111.6590, 21.3671, 100.2771



100.2410, 28.9682, 135.7236



193.0390, -72.9832, 28.9068



105.0870, 1.4361, 6.0627



64.8220, 20.7938, 97.5031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 130.2040, 47.2274, -74.7239 looks on a white background.

Color Contrast Check

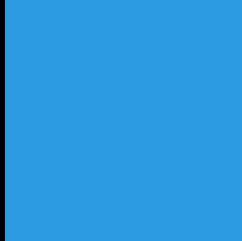
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.2040, 47.2274, -74.7239 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

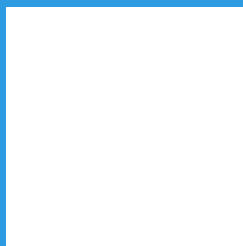
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 130.2040, 47.2274, -74.7239

Background



This preview shows how black text looks on a background with the YUV color 130.2040, 47.2274, -74.7239.

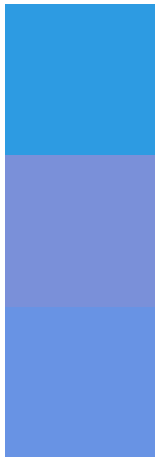


This preview shows how white text looks on a background with the YUV color 130.2040, 47.2274, -74.7239.

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

130.2040, 47.2274, -74.7239

Protanopia

145.7440, 35.1292, -20.8235

Deuteranopia

143.3770, 41.7191, -34.5336

Trichromacy



Original Color

130.2040, 47.2274, -74.7239

Protanomaly

140.0620, 39.4094, -40.3964

Deuteranomaly

138.7450, 43.5097, -48.8884

Monochromacy



Original Color

130.2040, 47.2274, -74.7239

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0040, 17.2530, -27.1905

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.2040, 47.2274, -74.7239 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(45, 155, 226)` looks like.

```
.text, #text, p{  
    color:rgb(45, 155, 226)  
}
```

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(45, 155, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 155, 226) }
```

Border

The CSS property to change the border of an element to YUV 130.2040, 47.2274, -74.7239 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(45, 155, 226) }
```

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

```
.border{ border-color:rgb(45, 155, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 155, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 155, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 155, 226);  
box-shadow:4px 4px 4px 4px rgb(45, 155,  
226) }
```


Background

The CSS property to change the background color of an element to YUV 130.2040, 47.2274, -74.7239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 155, 226) }
```

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

```
.background{ background-color: rgb(45, 155,  
226) }
```

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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