

Converting Colors

YUV(127.4040, 50.5798,
-76.6533)

Have a look what the booklet for
YUV(127.4040, 50.5798, -76.6533)
contains.

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Color

**YUV(127.4040, 50.5798,
-76.6533)**

Conversions

Conversions Part 1

Format	Color
Hex	2898E6
RGB	40, 152, 230
RGB Percent	16%, 60%, 90%
CMY	0.8431, 0.4039, 0.0980
CMYK	0.83, 0.34, 0.00, 0.10
HSL	205°, 79%, 53%
HSV	205°, 83%, 90%
XYZ	26.3862, 28.6208, 78.9966
YIQ	127.4040, -91.7900, 0.5140

Conversions

Conversions Part 2

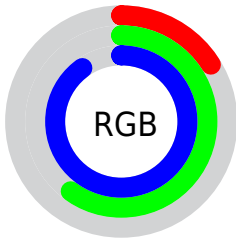
Format	Color
R _Y B	40, 110, 230
Decimal	2660582
CIE Lab	60.45, -3.33, -47.91
CIE LCh	60, 48.026, 266.022
Yxy	28.6208, 0.1969, 0.2136
Android (android.graphics.Color)	4280850662 (0xFF2898E6)
YUV	127.4040, 50.5798, -76.6533
Hunter-Lab	53.4984, -5.5832, -50.0997

Details

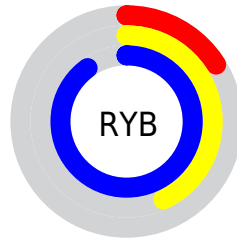
The YUV color **127.4040, 50.5798, -76.6533** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **142.5960, -50.5798, 76.6533**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9750, 34.5223, -59.6141**, and **79.7100, 46.4850, -69.9057** is the 20% darker color. If you saturate the color by 10%, you get **115.2440, 56.5747, -86.1600**, and if you desaturate by 10%, it is **139.5640, 44.5849, -67.1466**.

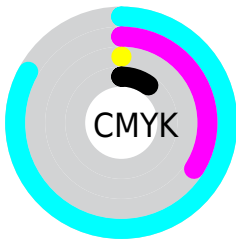
Distribution



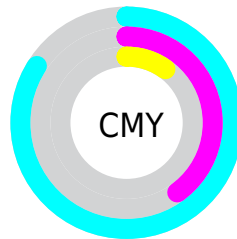
- Red (16%)
- Green (60%)
- Blue (90%)



- Red (16%)
- Yellow (43%)
- Blue (90%)



- Cyan (83%)
- Magenta (34%)
- Yellow (0%)
- Black (10%)



- Cyan (84%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4040, 50.5798, -76.6533 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 127.4040, 50.5798, -76.6533 by changing the saturation by 10% instead.

■ 127.4040, 50.5798,
-76.6533

■ 127.4040, 50.5798,
-76.6533

■ 255.0000, 0.0000,
0.0000

■ 96.9900, 51.7699,
-85.0602

■ 184.9750, 34.5223,
-59.6141

■ 79.7100, 46.4850,
-69.9057

■ 210.9790, 21.7024,
-54.3556

■ 62.5440, 41.6368,
-54.8511

■ 232.5750, 11.0555,
-46.1083

■ 46.6660, 36.6467,
-40.9261

■ 241.8440, 6.4859,
-27.0502

■ 31.4890, 31.8039,
-27.6159

■ 251.1130, 1.9163,
-7.9921

■ 14.5510, 27.8294,
-12.7612

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 127.4040, 50.5798,
-76.6533

■ 127.4040, 50.5798,
-76.6533

■ 115.2440, 56.5747,
-86.1600

■ 139.5640, 44.5849,
-67.1466

■ 106.0520, 61.1064,
-93.0076

■ 152.3110, 38.3007,
-58.1547

■ 164.4710, 32.3058,
-48.6481

■ 177.2180, 26.0215,
-39.6562

■ 189.3780, 20.0266,
-30.1495

■ 202.1250, 13.7424,
-21.1576

■ 214.2850, 7.7475,
-11.6509

■ 227.0320, 1.4632,
-2.6591

■ 239.1920, -4.5317,
6.8476

Harmonies

Analogous

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



119.6040, 47.0302, -104.8927



127.4040, 50.5798, -76.6533



147.2880, 36.8330, -7.2686

Triad

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



127.4040, 50.5798, -76.6533



145.3740, -16.9464, 68.9550



130.6590, -16.5939, -44.4279

Complementary

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



127.4040, 50.5798, -76.6533



142.5960, -50.5798, 76.6533

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.



137.6890, -35.3427, -4.1123



127.4040, 50.5798, -76.6533



144.5190, -33.7799, 54.7958

Square

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



127.4040, 50.5798, -76.6533



147.7920, 2.5675, 63.3264



142.2910, -41.5555, 28.6858



113.7610, 11.9498, -99.7684

Rectangle

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



127.4040, 50.5798, -76.6533



149.9670, 27.1313, 24.5849



142.2910, -41.5555, 28.6858



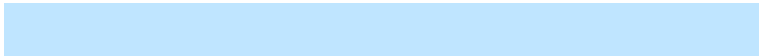
133.5100, -23.9154, -29.3883

Sweetspot

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



127.4040, 50.5798, -76.6533



220.6020, 16.9582, -25.9610



160.1940, -21.7876, -105.4101



106.9470, 10.3791, -15.7395



0.0000, 0.0000, 0.0000



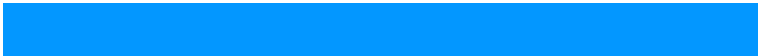
128.0000, 0.0000, 0.0000

Same Dimension

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



127.4040, 50.5798, -76.6533



118.6040, 67.2432, -101.3847



72.8130, 77.4932, -28.7770



108.4770, 3.2158, -4.8033



82.0410, 47.8008, -71.9500



23.4240, 13.5950, -20.5428

Inverse Universe

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



109.5780, 20.9140, 105.6101



95.2200, 27.4995, 140.1271



197.1870, -77.4932, 28.7770



107.3860, 1.2887, 6.6775



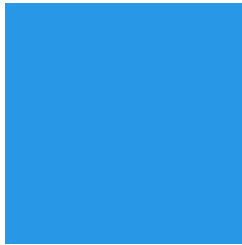
65.4910, 19.4779, 99.5474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 127.4040, 50.5798, -76.6533 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 127.4040, 50.5798, -76.6533 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

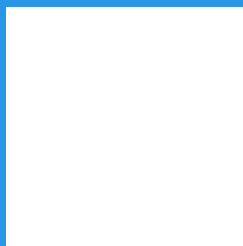
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.4040, 50.5798, -76.6533

Background



This preview shows how black text looks on a background with the YUV color 127.4040, 50.5798, -76.6533.

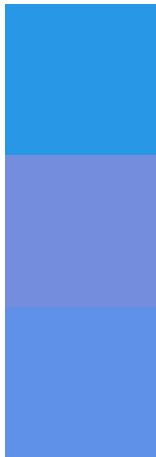


This preview shows how white text looks on a background with the YUV color 127.4040, 50.5798, -76.6533.

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

127.4040, 50.5798, -76.6533

Protanopia

143.2320, 38.3396, -23.8825

Deuteranopia

139.9680, 45.3718, -39.4369



Tritanopia

114.2290, 28.9741, -100.1788

Trichromacy



Original Color

127.4040, 50.5798, -76.6533

Protanomaly

137.5500, 42.6198, -43.4554

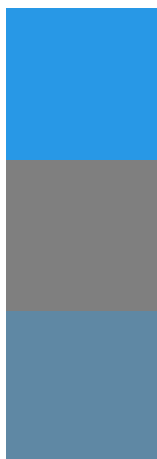
Deuteranomaly

135.6350, 47.0149, -53.1769

Tritanomaly

119.3470, 36.8039, -91.5123

Monochromacy



Original Color

127.4040, 50.5798, -76.6533

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9330, 18.2740, -28.0052

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4040, 50.5798, -76.6533 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(40, 152, 230)` looks like.

```
.text, #text, p{  
    color:rgb(40, 152, 230)  
}
```

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(40, 152, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 152, 230) }
```

Border

The CSS property to change the border of an element to YUV 127.4040, 50.5798, -76.6533 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(40, 152, 230) }
```


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

```
.border{ border-color:rgb(40, 152, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 152, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 152, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 152, 230);  
box-shadow:4px 4px 4px 4px rgb(40, 152,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 127.4040, 50.5798, -76.6533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 152, 230) }
```

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

```
.background{ background-color: rgb(40, 152,  
230) }
```

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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