

Converting Colors

YUV(129.6040, 13.9992,
-10.1767)

Have a look what the booklet for
YUV(129.6040, 13.9992, -10.1767)
contains.

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Color

**YUV(129.6040, 13.9992,
-10.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	76829E
RGB	118, 130, 158
RGB Percent	46%, 51%, 62%
CMY	0.5373, 0.4902, 0.3804
CMYK	0.25, 0.18, 0.00, 0.38
HSL	222°, 17%, 54%
HSV	222°, 25%, 62%
XYZ	21.6254, 22.2854, 35.5095
YIQ	129.6040, -16.1400, 6.1640

Conversions

Conversions Part 2

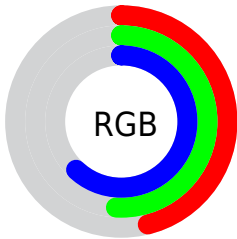
Format	Color
R _Y B	118, 127, 158
Decimal	7766686
CIE Lab	54.33, 2.10, -16.41
CIE LCh	54, 16.543, 277.301
Yxy	22.2854, 0.2723, 0.2806
Android (android.graphics.Color)	4285956766 (0xFF76829E)
YUV	129.6040, 13.9992, -10.1767
Hunter-Lab	47.2075, -0.8435, -11.5528

Details

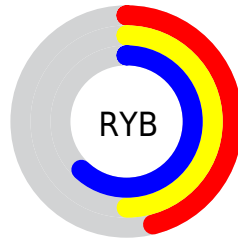
The YUV color $129.6040, 13.9992, -10.1767$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $146.3960, -13.9992, 10.1767$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.8320, 14.8728, -10.3767$, and $80.3760, 13.1256, -9.9768$ is the 20% darker color. If you saturate the color by 10%, you get $118.3630, 19.5410, -14.3504$, and if you desaturate by 10%, it is $140.8450, 8.4574, -6.0031$.

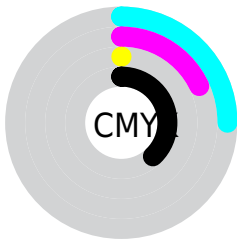
Distribution



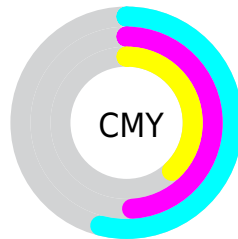
- Red (46%)
- Green (51%)
- Blue (62%)



- Red (46%)
- Yellow (50%)
- Blue (62%)



- Cyan (25%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



- Cyan (54%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.6040, 13.9992, -10.1767 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 129.6040, 13.9992, -10.1767 by changing the saturation by 10% instead.

■ 129.6040, 13.9992,
-10.1767

■ 129.6040, 13.9992,
-10.1767

255.0000, 0.0000,
0.0000

■ 104.4900, 13.5624,
-10.0767

■ 182.8320, 14.8728,
-10.3767

■ 80.3760, 13.1256,
-9.9768

■ 209.9460, 15.3096,
-10.4766

■ 56.8490, 12.3994,
-10.3916

■ 236.9370, 8.9051,
-9.5917

■ 35.0230, 11.8207,
-11.4212

■ 13.0230, 11.8207,
-11.4212

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 129.6040, 13.9992,
-10.1767

■ 129.6040, 13.9992,
-10.1767

■ 118.3630, 19.5410,
-14.3504

■ 140.8450, 8.4574,
-6.0031

■ 107.1220, 25.0829,
-18.5240

■ 152.0860, 2.9156,
-1.8294

■ 96.1800, 30.4773,
-22.0829

■ 163.0280, -2.4788,
1.7294

■ 84.9390, 36.0191,
-26.2565

■ 174.2690, -8.0206,
5.9031

■ 73.6980, 41.5609,
-30.4301

■ 185.5100,
-13.5624, 10.0767

■ 62.4570, 47.1027,
-34.6038

■ 196.7510,
-19.1042, 14.2504

■ 51.2160, 52.6445,
-38.7774

■ 207.9920,
-24.6461, 18.4240

■ 45.6010, 55.4127,
-39.9921

■ 218.9340,
-30.0405, 21.9829

■ 229.2670,
-35.1346, 22.5678

Harmonies

Analogous

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



126.3420, 14.6214, -23.1019



129.6040, 13.9992, -10.1767



131.7800, 10.4615, 4.5779

Triad

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



129.6040, 13.9992, -10.1767



131.1510, -8.9484, 23.5466



125.2660, -3.5821, -17.7733

Complementary

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



129.6040, 13.9992, -10.1767



146.3960, -13.9992, 10.1767

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.



127.0350, -9.8773, -5.2927



129.6040, 13.9992, -10.1767



130.3800, -13.0053, 18.0837

Square

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



129.6040, 13.9992, -10.1767



132.4590, -2.6913, 23.2765



128.9010, -13.2622, 7.1028



124.2740, 4.3019, -26.5503

Rectangle

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



129.6040, 13.9992, -10.1767



132.2110, 6.7980, 12.9700



128.9010, -13.2622, 7.1028



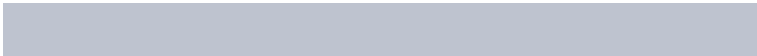
125.7180, -5.7770, -13.7847

Sweetspot

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



129.6040, 13.9992, -10.1767



194.8730, 5.9786, -4.2736



144.6720, 0.6547, -23.3913



97.0150, 3.9366, -2.6442



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



129.6040, 13.9992, -10.1767



162.6340, 21.8724, -15.4650



124.9520, 16.2927, 0.9191



73.6730, 2.6262, -2.3442



41.5430, 50.0183, -36.4332



4.6450, 5.1050, -4.0737

Inverse Universe

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



131.3280, -0.6547, 23.3913



165.5900, -1.2769, 36.3166



151.0480, -16.2927, -0.9191



73.7340, 0.1311, 4.6183



47.6590, -2.2969, 83.6141



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 129.6040, 13.9992, -10.1767 looks on a white background.

Color Contrast Check

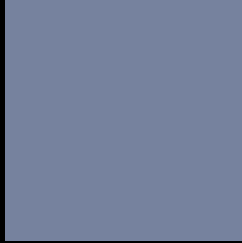
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.6040, 13.9992, -10.1767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

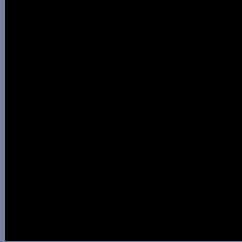
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

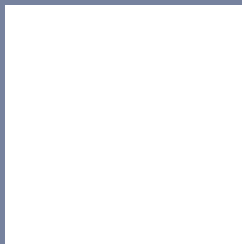
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 129.6040, 13.9992, -10.1767

Background



This preview shows how black text looks on a background with the YUV color 129.6040, 13.9992, -10.1767.



This preview shows how white text looks on a background with the YUV color 129.6040, 13.9992, -10.1767.

-10.1767.

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

129.6040, 13.9992, -10.1767

Protanopia

130.3980, 13.1148, -6.4880

Deuteranopia

130.9470, 13.8301, -2.5845



Tritanopia

128.7580, 7.0213, -12.0658

Trichromacy



Original Color

129.6040, 13.9992, -10.1767

Protanomaly

129.8000, 13.4096, -7.7176

Deuteranomaly

130.3380, 14.1304, -5.5584

Tritanomaly

129.0400, 9.3473, -11.4361

Monochromacy



Original Color

129.6040, 13.9992, -10.1767

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.9440, 4.9576, -3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.6040, 13.9992, -10.1767 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(118, 130, 158)` looks like.

```
.text, #text, p{  
    color:rgb(118, 130, 158)  
}
```

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(118, 130, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 130, 158) }
```

Border

The CSS property to change the border of an element to YUV 129.6040, 13.9992, -10.1767 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(118, 130, 158) }
```


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

```
.border{ border-color:rgb(118, 130, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 130, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 130, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 130, 158);  
box-shadow:4px 4px 4px 4px rgb(118, 130,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 129.6040, 13.9992, -10.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 130, 158) }
```

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

```
.background{ background-color: rgb(118,  
130, 158) }
```

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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