

Converting Colors

YUV(127.3000, 21.5441,
-50.2521)

Have a look what the booklet for
YUV(127.3000, 21.5441, -50.2521)
contains.

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Color

**YUV(127.3000, 21.5441,
-50.2521)**

Conversions

Conversions Part 1

Format	Color
Hex	4694AB
RGB	70, 148, 171
RGB Percent	27%, 58%, 67%
CMY	0.7255, 0.4196, 0.3294
CMYK	0.59, 0.13, 0.00, 0.33
HSL	194°, 42%, 47%
HSV	194°, 59%, 67%
XYZ	20.4664, 25.4222, 42.3564
YIQ	127.3000, -53.8710, -9.3830

Conversions

Conversions Part 2

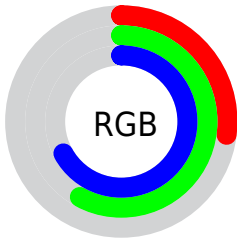
Format	Color
R_{YB}	70, 114, 171
Decimal	4625579
CIE _{Lab}	57.48, -17.05, -19.30
CIE _{LCh}	57, 25.757, 228.537
Yxy	25.4222, 0.2319, 0.2881
Android (android.graphics.Color)	4282815659 (0xFF4694AB)
YUV	127.3000, 21.5441, -50.2521
Hunter-Lab	50.4204, -15.7800, -14.5131

Details

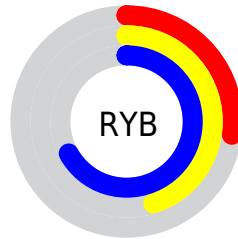
The YUV color **127.3000, 21.5441, -50.2521** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **113.7000, -21.5441, 50.2521**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.3110, 21.5387, -48.5077**, and **70.5050, 23.9080, -61.8329** is the 20% darker color. If you saturate the color by 10%, you get **119.8690, 25.2076, -58.6441**, and if you desaturate by 10%, it is **134.7310, 17.8806, -41.8601**.

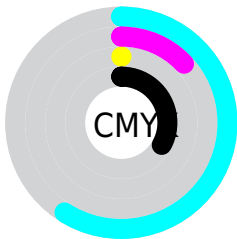
Distribution



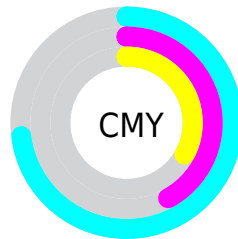
- Red (27%)
- Green (58%)
- Blue (67%)



- Red (27%)
- Yellow (45%)
- Blue (67%)



- Cyan (59%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3000, 21.5441, -50.2521 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 127.3000, 21.5441, -50.2521 by changing the saturation by 10% instead.

■ 127.3000, 21.5441,
-50.2521

■ 127.3000, 21.5441,
-50.2521

■ 255.0000, 0.0000,
0.0000

■ 99.3920, 21.9917,
-53.8408

■ 182.3110, 21.5387,
-48.5077

■ 70.5050, 23.9080,
-61.8329

■ 210.4250, 21.9755,
-48.6077

■ 53.5670, 19.9335,
-46.9783

■ 233.7710, 10.4659,
-43.6492

■ 37.9170, 15.8169,
-33.2532

■ 242.4420, 6.1911,
-25.8206

■ 23.0820, 12.2846,
-20.2429

■ 251.4120, 1.7689,
-7.3773

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 127.3000, 21.5441,
-50.2521

■ 127.3000, 21.5441,
-50.2521

■ 119.8690, 25.2076,
-58.6441

■ 134.7310, 17.8806,
-41.8601

■ 112.4380, 28.8711,
-67.0361

■ 142.1620, 14.2171,
-33.4681

■ 105.0070, 32.5345,
-75.4281

■ 149.5930, 10.5537,
-25.0761

■ 97.5760, 36.1980,
-83.8202

■ 157.0240, 6.8902,
-16.6840

■ 96.9780, 36.4928,
-85.0497

■ 163.8680, 3.5161,
-7.7772

■ 171.5980, -0.2948,
1.2296

■ 179.0290, -3.9583,
9.6216

■ 186.4600, -7.6218,
18.0136

■ 193.8910,
-11.2853, 26.4056

Harmonies

Analogous

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



125.7100, 12.9610, -50.6117



127.3000, 21.5441, -50.2521



133.3930, 23.9633, -32.7937

Triad

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



127.3000, 21.5441, -50.2521



141.4090, 3.2494, 31.2133



135.4570, -19.9453, 3.9842

Complementary

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



127.3000, 21.5441, -50.2521



113.7000, -21.5441, 50.2521

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.



137.8120, -21.5993, 21.2129



127.3000, 21.5441, -50.2521



140.5810, -7.6814, 37.2015

Square

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



127.3000, 21.5441, -50.2521



141.5300, 13.0497, 14.4442



138.8550, -16.6905, 33.4532



132.6870, -12.1707, -16.3885

Rectangle

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



127.3000, 21.5441, -50.2521



137.0360, 22.1673, -16.6946



138.8550, -16.6905, 33.4532



136.1480, -21.2720, 9.5172

Sweetspot

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



127.3000, 21.5441, -50.2521



204.7570, 8.5008, -19.9579



131.7950, -19.6189, -54.1942



101.8890, 4.9847, -12.1807



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



127.3000, 21.5441, -50.2521



153.6260, 33.7084, -78.6020



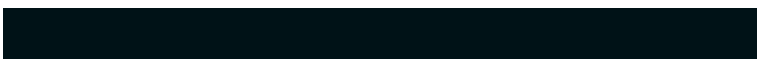
98.5370, 35.7243, -25.0269



83.1350, 1.9054, -4.5034



85.1920, 31.9503, -74.7134



13.1880, 4.8373, -11.5659

Inverse Universe

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



109.0910, 19.1821, 54.2942



125.1500, 29.9990, 84.9374



142.4630, -35.7243, 25.0269



81.4890, 1.7309, 4.8331



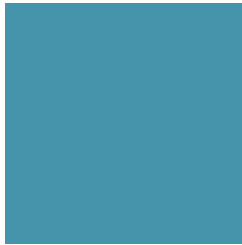
58.0740, 28.5575, 80.6191



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 127.3000, 21.5441, -50.2521 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 127.3000, 21.5441, -50.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

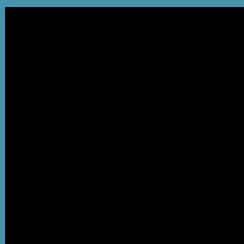
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

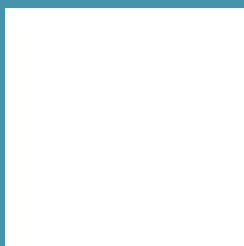
Any Text WCAG AAA × Fail

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

YUV 127.3000, 21.5441, -50.2521 Background



This preview shows how black text looks on a background with the YUV color 127.3000, 21.5441, -50.2521.



This preview shows how white text looks on a background with the YUV color 127.3000, 21.5441, -50.2521.

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

127.3000, 21.5441, -50.2521

Protanopia

137.8820, 12.3832, -5.1585

Deuteranopia

138.5490, 17.4773, -5.7435



Tritanopia

126.2520, 17.6238, -52.8410

Trichromacy



Original Color

127.3000, 21.5441, -50.2521

Protanomaly

133.6950, 15.9264, -21.6575

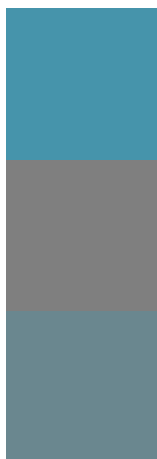
Deuteranomaly

134.4930, 18.9840, -22.3574

Tritanomaly

126.3060, 19.0761, -52.0114

Monochromacy



Original Color

127.3000, 21.5441, -50.2521

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2410, 7.7692, -18.6284

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3000, 21.5441, -50.2521 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(70, 148, 171)` looks like.

```
.text, #text, p{  
    color:rgb(70, 148, 171)  
}
```

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(70, 148, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 148, 171) }
```

Border

The CSS property to change the border of an element to YUV 127.3000, 21.5441, -50.2521 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(70, 148, 171) }
```


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

```
.border{ border-color:rgb(70, 148, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 148, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(70, 148,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 127.3000, 21.5441, -50.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 148, 171) }
```

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

```
.background{ background-color: rgb(70, 148,  
171) }
```

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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