

Converting Colors

YUV(127.4210, 41.6974,
-27.5562)

Have a look what the booklet for
YUV(127.4210, 41.6974, -27.5562)
contains.

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Color

**YUV(127.4210, 41.6974,
-27.5562)**

Conversions

Conversions Part 1

Format	Color
Hex	607FD4
RGB	96, 127, 212
RGB Percent	38%, 50%, 83%
CMY	0.6235, 0.5020, 0.1686
CMYK	0.55, 0.40, 0.00, 0.17
HSL	224°, 57%, 60%
HSV	224°, 55%, 83%
XYZ	24.2969, 22.4190, 65.3341
YIQ	127.4210, -45.7610, 19.8630

Conversions

Conversions Part 2

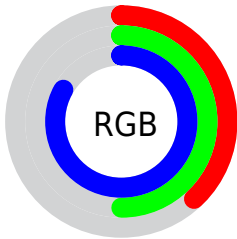
Format	Color
R _Y B	96, 120, 212
Decimal	6324180
CIE Lab	54.47, 13.58, -47.19
CIE LCh	54, 49.108, 286.057
Yxy	22.4190, 0.2168, 0.2001
Android (android.graphics.Color)	4284514260 (0xFF607FD4)
YUV	127.4210, 41.6974, -27.5562
Hunter-Lab	47.3487, 8.7367, -48.6671

Details

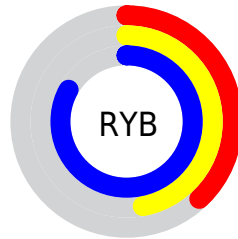
The YUV color **127.4210, 41.6974, -27.5562** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **180.5790, -41.6974, 27.5562**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8900, 37.0292, -23.5825**, and **72.9530, 41.4352, -36.7928** is the 20% darker color. If you saturate the color by 10%, you get **111.7500, 49.4232, -32.2298**, and if you desaturate by 10%, it is **143.0920, 33.9716, -22.8827**.

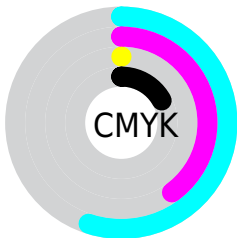
Distribution



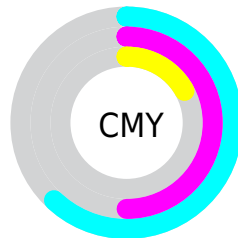
- Red (38%)
- Green (50%)
- Blue (83%)



- Red (38%)
- Yellow (47%)
- Blue (83%)



- Cyan (55%)
- Magenta (40%)
- Yellow (0%)
- Black (17%)



- Cyan (62%)
- Magenta (50%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4210, 41.6974, -27.5562 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 127.4210, 41.6974, -27.5562 by changing the saturation by 10% instead.

■ 127.4210, 41.6974,
-27.5562

■ 127.4210, 41.6974,
-27.5562

255.0000, 0.0000,
0.0000

■ 100.5840, 41.1241,
-30.3302

■ 179.8900, 37.0292,
-23.5825

■ 72.9530, 41.4352,
-36.7928

■ 204.9970, 24.6515,
-20.1684

■ 47.6920, 40.5778,
-41.8259

■ 230.4030, 12.1263,
-16.1394

■ 32.5150, 35.7351,
-28.5157

■ 250.8140, 2.0637,
-8.6069

■ 17.9250, 30.6030,
-15.7202

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 127.4210, 41.6974,
-27.5562

■ 127.4210, 41.6974,
-27.5562

■ 111.7500, 49.4232,
-32.2298

■ 143.0920, 33.9716,
-22.8827

■ 96.6660, 56.8597,
-37.4181

■ 158.1760, 26.5352,
-17.6944

■ 80.6960, 64.7329,
-42.7064

■ 174.1460, 18.6620,
-12.4060

■ 65.6120, 72.1693,
-47.8947

■ 189.2300, 11.2256,
-7.2177

■ 57.6270, 76.1059,
-50.5389

■ 204.9010, 3.4998,
-2.5442

■ 219.9850, -3.9366,
2.6442

■ 235.6560,
-11.6624, 7.3177

■ 247.7500,
-17.6247, 6.3582

■ 250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



106.9350, 51.7970, -93.7820



127.4210, 41.6974, -27.5562



134.6680, 27.2787, 23.9702

Triad

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



127.4210, 41.6974, -27.5562



128.9310, -28.5600, 60.5735



100.3620, 3.7655, -88.0175

Complementary

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



127.4210, 41.6974, -27.5562



180.5790, -41.6974, 27.5562

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.



117.6840, -24.4942, -30.4179



127.4210, 41.6974, -27.5562



126.8730, -40.8564, 37.8224

Square

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



127.4210, 41.6974, -27.5562



129.5080, -10.1104, 69.7145



123.5010, -40.1800, 7.4536



105.9650, 22.6953, -92.9313

Rectangle

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



127.4210, 41.6974, -27.5562



133.5480, 15.9988, 48.6314



123.5010, -40.1800, 7.4536



106.5510, -6.1876, -68.8892

Sweetspot

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



127.4210, 41.6974, -27.5562



225.1310, 14.7254, -9.7619



173.5540, 2.6849, -68.0149



109.9590, 8.8942, -6.1030



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.



127.4210, 41.6974, -27.5562



132.5670, 60.3595, -39.9623



116.6990, 46.9834, 3.7720



99.0150, 3.9366, -2.6442



46.4960, 61.3805, -40.7770



11.9460, 15.3096, -10.4766

Inverse Universe

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



134.2180, -3.5585, 68.2148



142.3620, -5.1085, 98.7835



191.3010, -46.9834, -3.7720



99.6310, -0.3111, 6.4626



56.3730, -5.1139, 100.5279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 127.4210, 41.6974, -27.5562 looks on a white background.

Color Contrast Check

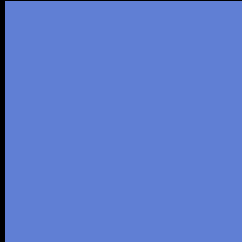
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.4210, 41.6974, -27.5562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

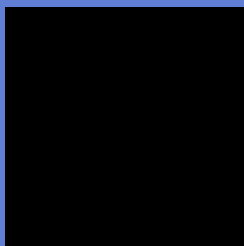
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.4210, 41.6974, -27.5562

Background



This preview shows how black text looks on a background with the YUV color 127.4210, 41.6974, -27.5562.

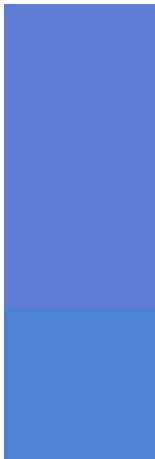


This preview shows how white text looks on a background with the YUV color 127.4210, 41.6974, -27.5562.

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

127.4210, 41.6974, -27.5562

Protanopia

127.4210, 41.6974, -27.5562

Deuteranopia

124.2840, 42.7510, -38.8371



Tritanopia

121.5200, 14.5336, -41.6750

Trichromacy



Original Color

127.4210, 41.6974, -27.5562

Protanomaly

127.4210, 41.6974, -27.5562

Deuteranomaly

125.4910, 42.1559, -34.6336

Tritanomaly

123.4850, 24.4109, -36.3823

Monochromacy



Original Color

127.4210, 41.6974, -27.5562

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2450, 15.1622, -9.8619

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4210, 41.6974, -27.5562 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(96, 127, 212)` looks like.

```
.text, #text, p{  
    color:rgb(96, 127, 212)  
}
```

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(96, 127, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 127, 212) }
```

Border

The CSS property to change the border of an element to YUV 127.4210, 41.6974, -27.5562 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(96, 127, 212) }
```


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

```
.border{ border-color:rgb(96, 127, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 127, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 127, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 127, 212);  
box-shadow:4px 4px 4px 4px rgb(96, 127,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 127.4210, 41.6974, -27.5562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 127, 212) }
```

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

```
.background{ background-color: rgb(96, 127,  
212) }
```

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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