

Converting Colors

YUV(151.4570, 47.1027,
-34.6038)

Have a look what the booklet for
YUV(151.4570, 47.1027, -34.6038)
contains.

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Color

**YUV(151.4570, 47.1027,
-34.6038)**

Conversions

Conversions Part 1

Format	Color
Hex	7099F7
RGB	112, 153, 247
RGB Percent	44%, 60%, 97%
CMY	0.5608, 0.4000, 0.0314
CMYK	0.55, 0.38, 0.00, 0.03
HSL	222°, 89%, 70%
HSV	222°, 55%, 97%
XYZ	34.8618, 32.9426, 92.5168
YIQ	151.4570, -54.6100, 20.5420

Conversions

Conversions Part 2

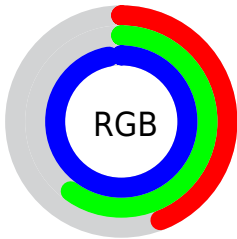
Format	Color
R _Y B	112, 143, 247
Decimal	7379447
CIE Lab	64.11, 12.59, -51.30
CIE LCh	64, 52.824, 283.788
Yxy	32.9426, 0.2174, 0.2055
Android (android.graphics.Color)	4285569527 (0xFF7099F7)
YUV	151.4570, 47.1027, -34.6038
Hunter-Lab	57.3957, 7.9776, -55.3934

Details

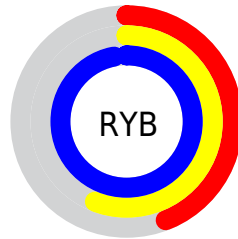
The YUV color **151.4570, 47.1027, -34.6038** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **207.5430, -47.1027, 34.6038**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7080, 26.2730, -26.9309**, and **95.8750, 46.4036, -43.7404** is the 20% darker color. If you saturate the color by 10%, you get **134.0030, 55.7075, -41.2216**, and if you desaturate by 10%, it is **168.9110, 38.4979, -27.9859**.

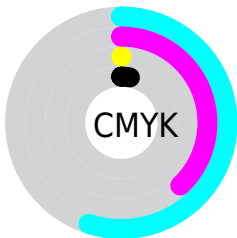
Distribution



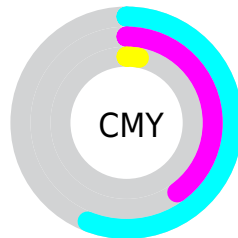
- Red (44%)
- Green (60%)
- Blue (97%)



- Red (44%)
- Yellow (56%)
- Blue (97%)



- Cyan (55%)
- Magenta (38%)
- Yellow (0%)
- Black (3%)



- Cyan (56%)
- Magenta (40%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.4570, 47.1027, -34.6038 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 151.4570, 47.1027, -34.6038 by changing the saturation by 10% instead.

■ 151.4570, 47.1027,
-34.6038

■ 151.4570, 47.1027,
-34.6038

255.0000, 0.0000,
0.0000

■ 123.6200, 46.5293,
-37.3777

■ 201.7080, 26.2730,
-26.9309

■ 95.8750, 46.4036,
-43.7404

■ 227.1140, 13.7478,
-22.9020

■ 64.9550, 48.3362,
-56.9655

■ 247.8240, 3.5378,
-14.7546

■ 48.9630, 42.9092,
-42.9406

■ 33.6720, 37.6297,
-29.5303

■ 18.4950, 32.7870,
-16.2201

■ 10.4760, 24.9083,

-9.1875

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 151.4570, 47.1027,
-34.6038

■ 151.4570, 47.1027,
-34.6038

■ 134.0030, 55.7075,
-41.2216

■ 168.9110, 38.4979,
-27.9859

■ 116.8480, 64.1649,
-47.2247

■ 186.0660, 30.0405,
-21.9829

■ 98.8070, 73.0591,
-53.3277

■ 204.1070, 21.1462,
-15.8798

■ 81.3530, 81.6640,
-59.9456

■ 221.5610, 12.5414,
-9.2620

■ 72.1830, 86.1848,
-63.3045

■ 238.7160, 4.0840,
-3.2589

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



126.5460, 58.3978, -110.9808



151.4570, 47.1027, -34.6038



160.1070, 31.4992, 23.5852

Triad

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



151.4570, 47.1027, -34.6038



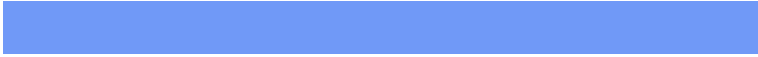
154.1170, -30.6237, 69.1804



118.3770, 4.2511, -103.8166

Complementary

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



151.4570, 47.1027, -34.6038



207.5430, -47.1027, 34.6038

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.



142.2450, -28.7148, -30.0329



151.4570, 47.1027, -34.6038



152.2930, -44.5144, 44.4700

Square

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



151.4570, 47.1027, -34.6038



154.9650, -9.8427, 77.2067



148.6710, -44.7008, 10.8125



125.1370, 25.0755, -109.7451

Rectangle

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



151.4570, 47.1027, -34.6038



159.3680, 19.0456, 51.4203



148.6710, -44.7008, 10.8125



133.4220, -10.5610, -66.1451

Sweetspot

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



151.4570, 47.1027, -34.6038



226.3050, 14.1466, -10.7915



201.7330, 1.1176, -78.6958



110.5460, 8.6048, -6.6178



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.



151.4570, 47.1027, -34.6038



136.0890, 58.6231, -43.0511



134.8650, 55.2826, 1.8724



113.7160, 4.0840, -3.2589



54.6630, 64.7491, -47.9395



17.2920, 20.5620, -15.1651

Inverse Universe

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



157.0390, -1.9912, 78.8958



143.0460, -2.4877, 98.1837



224.1350, -55.2826, -1.8724



114.0440, -0.0217, 6.9774



62.1120, -2.5202, 108.6498



19.6930, -0.8346, 34.4722

Previews

White Background



This preview shows how the YUV color 151.4570, 47.1027, -34.6038 looks on a white background.

Color Contrast Check

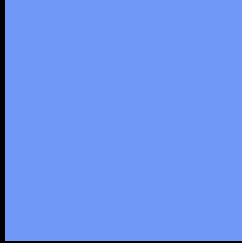
Large Text (above 18pt) WCAG AA × Fail

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 151.4570, 47.1027, -34.6038 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 ✓ Pass

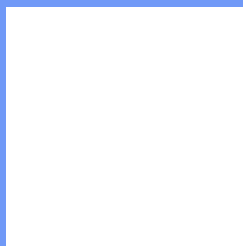
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.4570, 47.1027, -34.6038

Background



This preview shows how black text looks on a background with the YUV color 151.4570, 47.1027, -34.6038.



This preview shows how white text looks on a background with the YUV color 151.4570, 47.1027, -34.6038.

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

151.4570, 47.1027, -34.6038

Protanopia

152.8490, 45.9234, -29.6856

Deuteranopia

149.9400, 47.8506, -41.1664



Tritanopia

144.8610, 17.3235, -49.8671

Trichromacy



Original Color

151.4570, 47.1027, -34.6038

Protanomaly

151.9520, 46.3657, -31.5299

Deuteranomaly

150.2500, 47.6977, -38.8073

Tritanomaly

147.3530, 27.9270, -44.1596

Monochromacy



Original Color

151.4570, 47.1027, -34.6038

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.3910, 17.0622, -12.6209

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.4570, 47.1027, -34.6038 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(112, 153, 247)` looks like.

```
.text, #text, p{  
    color:rgb(112, 153, 247)  
}
```

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(112, 153, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 153, 247) }
```

Border

The CSS property to change the border of an element to YUV 151.4570, 47.1027, -34.6038 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(112, 153, 247) }
```


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

```
.border{ border-color:rgb(112, 153, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 153, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 153, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 153, 247);  
box-shadow:4px 4px 4px 4px rgb(112, 153,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 151.4570, 47.1027, -34.6038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 153, 247) }
```

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

```
.background{ background-color: rgb(112,  
153, 247) }
```

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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