

Converting Colors

YUV(107.2570, 63.9633,
-29.1664)

Have a look what the booklet for
YUV(107.2570, 63.9633, -29.1664)
contains.

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Color

**YUV(107.2570, 63.9633,
-29.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	4A63ED
RGB	74, 99, 237
RGB Percent	29%, 39%, 93%
CMY	0.7098, 0.6118, 0.0706
CMYK	0.69, 0.58, 0.00, 0.07
HSL	231°, 82%, 61%
HSV	231°, 69%, 93%
XYZ	22.5719, 16.4940, 82.1147
YIQ	107.2570, -59.1980, 37.6180

Conversions

Conversions Part 2

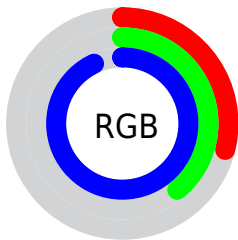
Format	Color
RYB	74, 96, 237
Decimal	4875245
CIELab	47.62, 35.43, -72.36
CIELCh	48, 80.570, 296.084
Yxy	16.4940, 0.1863, 0.1361
Android (android.graphics.Color)	4283065325 (0xFF4A63ED)
YUV	107.2570, 63.9633, -29.1664
Hunter-Lab	40.6127, 28.1353, -91.4493

Details

The YUV color **107.2570, 63.9633, -29.1664** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **203.7430, -63.9633, 29.1664**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9800, 47.3379, -16.6455**, and **51.6310, 63.2859, -45.2804** is the 20% darker color. If you saturate the color by 10%, you get **88.3410, 73.2889, -33.6251**, and if you desaturate by 10%, it is **126.1730, 54.6377, -24.7077**.

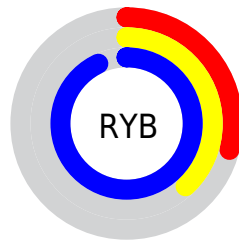
Distribution



Red (29%)

Green (39%)

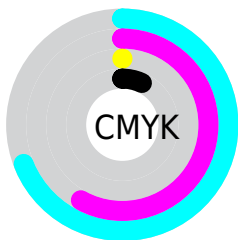
Blue (93%)



Red (29%)

Yellow (38%)

Blue (93%)

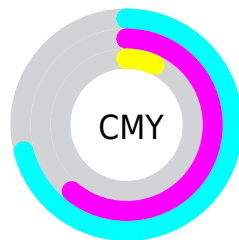


Cyan (69%)

Magenta (58%)

Yellow (0%)

Black (7%)



Cyan (71%)

Magenta (61%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.2570, 63.9633, -29.1664 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 107.2570, 63.9633, -29.1664 by changing the saturation by 10% instead.

■ 107.2570, 63.9633,
-29.1664

■ 107.2570, 63.9633,
-29.1664

255.0000, 0.0000,
0.0000

■ 75.8100, 65.1697,
-42.8064

■ 158.9800, 47.3379,
-16.6455

■ 51.6310, 63.2859,
-45.2804

■ 183.5110, 35.2441,
-10.9721

■ 36.6990, 56.8434,
-32.1850

■ 209.2160, 22.5715,
-6.3284

■ 23.1690, 50.6957,
-20.3192

■ 234.9210, 9.8989,
-1.6847

■ 11.4000, 43.6798,
-9.9978

■ 13.8330, 30.1553,
-12.1315

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 107.2570, 63.9633,
-29.1664

■ 107.2570, 63.9633,
-29.1664

■ 88.3410, 73.2889,
-33.6251

■ 126.1730, 54.6377,
-24.7077

■ 69.7240, 82.4671,
-37.4689

■ 144.7900, 45.4595,
-20.8638

■ 50.8080, 91.7927,
-41.9276

■ 163.7060, 36.1339,
-16.4052

■ 48.1500, 93.1030,
-42.2276

■ 182.6220, 26.8084,
-11.9465

■ 201.2390, 17.6302,
-8.1026

■ 220.1550, 8.3046,
-3.6439

■ 239.0710, -1.0210,
0.8147

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



101.9890, 73.4624, -89.4444



107.2570, 63.9633, -29.1664



108.6620, 40.0996, 65.1944

Triad

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



107.2570, 63.9633, -29.1664



102.0310, -50.3013, 80.6568



93.8080, 4.0387, -82.2696

Complementary

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



107.2570, 63.9633, -29.1664



203.7430, -63.9633, 29.1664

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.



82.5680, -28.8740, -72.4121



107.2570, 63.9633, -29.1664



106.1640, -52.3389, 34.0592

Square

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



107.2570, 63.9633, -29.1664



82.9800, -12.3151, 123.6745



97.5830, -48.1084, -16.2973



102.2610, 33.8883, -89.6829

Rectangle

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



107.2570, 63.9633, -29.1664



81.1570, 32.9536, 117.3803



97.5830, -48.1084, -16.2973



90.4850, -6.1551, -79.3553

Sweetspot

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



107.2570, 63.9633, -29.1664



212.4390, 20.9826, -10.0320



185.1850, 12.2338, -97.5092



102.5830, 12.5306, -5.7733



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.



107.2570, 63.9633, -29.1664



86.5390, 83.0513, -38.1837



108.7280, 63.2381, 16.9015



107.8410, 4.5154, -1.6146



37.0700, 70.9575, -32.5104



10.8520, 21.2720, -9.5172

Inverse Universe

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



125.5870, -13.1074, 97.7092



110.1500, -16.8359, 127.0335



202.2720, -63.2381, -16.9015



109.4030, -1.1847, 6.6626



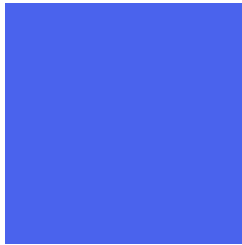
57.3110, -14.4503, 108.4753



17.0580, -4.4656, 32.3981

Previews

White Background



This preview shows how the YUV color 107.2570, 63.9633, -29.1664 looks on a white background.

Color Contrast Check

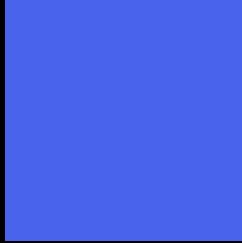
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 107.2570, 63.9633, -29.1664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

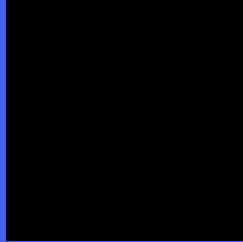
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.2570, 63.9633, -29.1664 Background



This preview shows how black text looks on a background with the YUV color 107.2570, 63.9633, -29.1664.



This preview shows how white text looks on a background with the YUV color 107.2570, 63.9633, -29.1664.

-29.1664.

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

107.2570, 63.9633, -29.1664

Protanopia

89.5020, 68.7725, -78.4933

Deuteranopia

90.0770, 53.2060, -78.9975



Tritanopia

88.6510, 22.3571, -77.7469

Trichromacy



Original Color

107.2570, 63.9633, -29.1664

Protanomaly

96.1560, 66.9711, -60.6498

Deuteranomaly

96.2240, 57.0776, -60.7094

Tritanomaly

95.6590, 37.1431, -60.2139

Monochromacy



Original Color

107.2570, 63.9633, -29.1664

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0090, 23.1666, -10.5319

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2570, 63.9633, -29.1664 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(74, 99, 237)` looks like.

```
.text, #text, p{  
    color:rgb(74, 99, 237)  
}
```

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(74, 99, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 99, 237) }
```

Border

The CSS property to change the border of an element to YUV 107.2570, 63.9633, -29.1664 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(74, 99, 237) }
```


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

```
.border{ border-color:rgb(74, 99, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 99, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 99, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 99, 237);  
box-shadow:4px 4px 4px 4px rgb(74, 99,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 107.2570, 63.9633, -29.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 99, 237) }
```

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

```
.background{ background-color: rgb(74, 99,  
237) }
```

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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