

Converting Colors

YUV(107.2230, 68.9101,
-29.1366)

Have a look what the booklet for
YUV(107.2230, 68.9101, -29.1366)
contains.

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Color

**YUV(107.2230, 68.9101,
-29.1366)**

Conversions

Conversions Part 1

Format	Color
Hex	4A61F7
RGB	74, 97, 247
RGB Percent	29%, 38%, 97%
CMY	0.7098, 0.6196, 0.0314
CMYK	0.70, 0.61, 0.00, 0.03
HSL	232°, 92%, 63%
HSV	232°, 70%, 97%
XYZ	23.8872, 16.7206, 89.9641
YIQ	107.2230, -61.8580, 41.7740

Conversions

Conversions Part 2

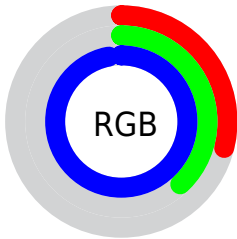
Format	Color
R_{YB}	74, 94, 247
Decimal	4874743
CIE _{Lab}	47.91, 40.08, -77.49
CIE _{LCh}	48, 87.239, 297.347
Yxy	16.7206, 0.1829, 0.1281
Android (android.graphics.Color)	4283064823 (0xFF4A61F7)
YUV	107.2230, 68.9101, -29.1366
Hunter-Lab	40.8909, 32.7154, -101.8204

Details

The YUV color **107.2230, 68.9101, -29.1366** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **213.7770, -68.9101, 29.1366**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4040, 47.6218, -14.3863**, and **51.4830, 67.7959, -45.1506** is the 20% darker color. If you saturate the color by 10%, you get **87.4210, 78.6724, -33.6952**, and if you desaturate by 10%, it is **127.0250, 59.1477, -24.5779**.

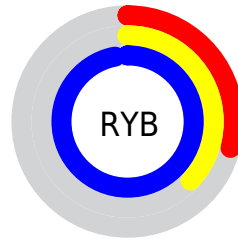
Distribution



Red (29%)

Green (38%)

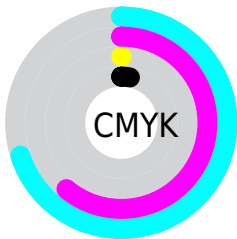
Blue (97%)



Red (29%)

Yellow (37%)

Blue (97%)

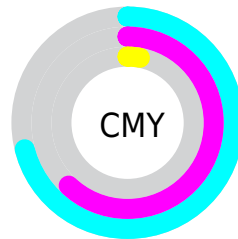


Cyan (70%)

Magenta (61%)

Yellow (0%)

Black (3%)



Cyan (71%)

Magenta (62%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.2230, 68.9101, -29.1366 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 107.2230, 68.9101, -29.1366 by changing the saturation by 10% instead.

■ 107.2230, 68.9101,
-29.1366

■ 107.2230, 68.9101,
-29.1366

255.0000, 0.0000,
0.0000

■ 74.2810, 70.8535,
-45.8504

■ 158.4040, 47.6218,
-14.3863

■ 51.4830, 67.7959,
-45.1506

■ 183.2340, 35.3806,
-8.0982

■ 36.6650, 61.7902,
-32.1552

■ 208.9390, 22.7081,
-3.4545

■ 23.4940, 54.4795,
-20.6042

■ 234.6440, 10.0355,
1.1892

■ 12.3120, 47.1742,
-10.7976

■ 15.9190, 33.0709,
-13.9610

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 107.2230, 68.9101,
-29.1366

■ 107.2230, 68.9101,
-29.1366

■ 87.4210, 78.6724,
-33.6952

■ 127.0250, 59.1477,
-24.5779

■ 67.3310, 88.5768,
-37.1243

■ 147.1150, 49.2433,
-21.1489

■ 47.5290, 98.3392,
-41.6829

■ 166.9170, 39.4809,
-16.5902

■ 187.3060, 29.4291,
-12.5464

■ 206.8090, 19.8142,
-8.6025

■ 226.6110, 10.0518,
-4.0438

■ 247.0000, 0.0000,
0.0000

■ 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.



103.0320, 74.9202, -90.3591



107.2230, 68.9101, -29.1366



104.2920, 44.7190, 76.9199

Triad

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



107.2230, 68.9101, -29.1366



102.0530, -50.3121, 84.1455



95.3240, 4.7703, -83.5991

Complementary

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



107.2230, 68.9101, -29.1366



213.7770, -68.9101, 29.1366

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.



82.9440, -32.5104, -72.7419



107.2230, 68.9101, -29.1366



107.0390, -52.7702, 32.4148

Square

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



107.2230, 68.9101, -29.1366



74.9970, -11.3375, 136.8146



96.9520, -47.7973, -22.7599



104.4610, 37.2407, -91.6123

Rectangle

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



107.2230, 68.9101, -29.1366



84.1470, 31.4795, 123.5281



96.9520, -47.7973, -22.7599



91.7730, -6.2971, -80.4849

Sweetspot

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



107.2230, 68.9101, -29.1366



211.8520, 21.2720, -9.5172



192.6510, 15.4551, -104.0569



101.9960, 12.8200, -5.2585



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.



107.2230, 68.9101, -29.1366



81.8320, 85.3718, -35.8097



112.5590, 66.2794, 21.4348



112.5420, 4.6628, -2.2293



35.8790, 74.0097, -31.4659



11.4220, 23.4560, -10.0171

Inverse Universe

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



128.3490, -15.4551, 104.0569



108.1780, -19.3148, 128.7629



208.4410, -66.2794, -21.4348



113.8160, -0.8953, 7.1774



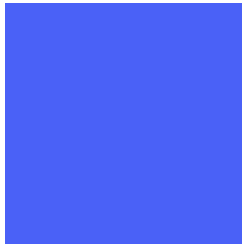
58.4640, -16.4978, 111.8491



18.5530, -5.2026, 35.4720

Previews

White Background



This preview shows how the YUV color 107.2230, 68.9101, -29.1366 looks on a white background.

Color Contrast Check

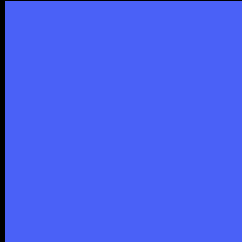
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.2230, 68.9101, -29.1366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

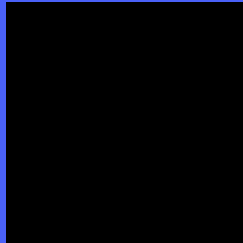
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.2230, 68.9101, -29.1366

Background



This preview shows how black text looks on a background with the YUV color 107.2230, 68.9101, -29.1366.



This preview shows how white text looks on a background with the YUV color 107.2230, 68.9101, -29.1366.

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

107.2230, 68.9101, -29.1366

Protanopia

90.2030, 68.9199, -79.1080

Deuteranopia

90.6640, 52.9166, -79.5123



Tritanopia

88.6510, 22.3571, -77.7469

Trichromacy



Original Color

107.2230, 68.9101, -29.1366

Protanomaly

96.6120, 68.7183, -61.0497

Deuteranomaly

96.6800, 58.8248, -61.1094

Tritanomaly

95.5280, 39.1797, -60.0991

Monochromacy



Original Color

107.2230, 68.9101, -29.1366

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8780, 25.2031, -10.4170

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2230, 68.9101, -29.1366 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, 97, 247)` looks like.

```
.text, #text, p{  
    color:rgb(74, 97, 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(74, 97, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 97, 247) }
```

Border

The CSS property to change the border of an element to YUV 107.2230, 68.9101, -29.1366 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, 97, 247) }
```


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

```
.border{ border-color:rgb(74, 97, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 97, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 97, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 97, 247);  
box-shadow:4px 4px 4px 4px rgb(74, 97,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 107.2230, 68.9101, -29.1366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 97, 247) }
```

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

```
.background{ background-color: rgb(74, 97,  
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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