

Converting Colors

YUV(112.8480, 61.2069,
15.0423)

Have a look what the booklet for
YUV(112.8480, 61.2069, 15.0423)
contains.

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Color

**YUV(112.8480, 61.2069,
15.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	8250ED
RGB	130, 80, 237
RGB Percent	51%, 31%, 93%
CMY	0.4902, 0.6863, 0.0706
CMYK	0.45, 0.66, 0.00, 0.07
HSL	259°, 81%, 62%
HSV	259°, 66%, 93%
XYZ	27.3606, 16.5976, 81.8824
YIQ	112.8480, -20.5970, 59.4270

Conversions

Conversions Part 2

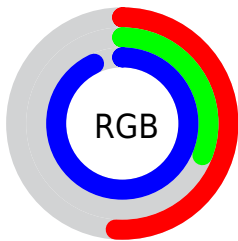
Format	Color
R _Y B	130, 80, 237
Decimal	8540397
CIE Lab	47.75, 55.36, -71.96
CIE LCh	48, 90.794, 307.571
Yxy	16.5976, 0.2174, 0.1319
Android (android.graphics.Color)	4286730477 (0xFF8250ED)
YUV	112.8480, 61.2069, 15.0423
Hunter-Lab	40.7401, 48.5836, -90.6471

Details

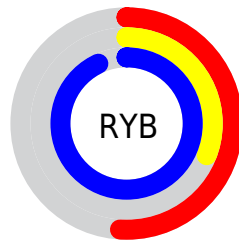
The YUV color **112.8480, 61.2069, 15.0423** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **204.1520, -61.2069, -15.0423**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3640, 45.1765, 23.3598**, and **57.2880, 60.4970, 9.3944** is the 20% darker color. If you saturate the color by 10%, you get **93.9760, 70.5108, 17.5610**, and if you desaturate by 10%, it is **131.7200, 51.9030, 12.5236**.

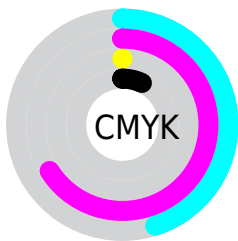
Distribution



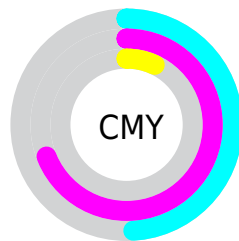
- Red (51%)
- Green (31%)
- Blue (93%)



- Red (51%)
- Yellow (31%)
- Blue (93%)



- Cyan (45%)
- Magenta (66%)
- Yellow (0%)
- Black (7%)



- Cyan (49%)
- Magenta (69%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8480, 61.2069, 15.0423 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 112.8480, 61.2069, 15.0423 by changing the saturation by 10% instead.

■ 112.8480, 61.2069,
15.0423

■ 112.8480, 61.2069,
15.0423

■ 255.0000, 0.0000,
0.0000

■ 85.8970, 60.1968,
12.3683

■ 163.3640, 45.1765,
23.3598

■ 57.2880, 60.4970,
9.3944

■ 188.1830, 32.9408,
27.9035

■ 25.9990, 62.1185,
2.6319

■ 213.5890, 20.4156,
31.9324

■ 14.3640, 55.0365,
-12.5972

■ 231.5200, 11.5756,
20.5920

■ 11.4000, 43.6798,
-9.9978

■ 248.5430, 3.1833,
5.6628

■ 12.6590, 30.7341,
-11.1019

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 112.8480, 61.2069,
15.0423

■ 112.8480, 61.2069,
15.0423

■ 93.9760, 70.5108,
17.5610

■ 131.7200, 51.9030,
12.5236

■ 75.6910, 79.5253,
19.5650

■ 150.0050, 42.8885,
10.5196

■ 56.8190, 88.8292,
22.0837

■ 168.8770, 33.5846,
8.0009

■ 49.4430, 92.4656,
22.4135

■ 188.0480, 24.1333,
6.0969

■ 206.3330, 15.1188,
4.0930

■ 225.2050, 5.8149,
1.5742

■ 244.0770, -3.4890,
-0.9445

■ 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.



98.3360, 77.2354, -86.2407



112.8480, 61.2069, 15.0423



84.0070, 43.8735, 114.8809

Triad

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



112.8480, 61.2069, 15.0423



105.1990, -51.8631, 68.2315



98.9890, 16.2744, -86.8134

Complementary

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



112.8480, 61.2069, 15.0423



204.1520, -61.2069, -15.0423

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.



87.7660, -19.1116, -76.9708



112.8480, 61.2069, 15.0423



104.8580, -51.6950, 14.1565

Square

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



112.8480, 61.2069, 15.0423



79.2460, -29.2083, 128.7033



79.5660, -39.2260, -65.3944



107.4250, 48.5975, -94.2117

Rectangle

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



112.8480, 61.2069, 15.0423



84.8850, 18.7907, 133.4049



79.5660, -39.2260, -65.3944



95.3240, 4.7703, -83.5991

Sweetspot

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



112.8480, 61.2069, 15.0423



214.5980, 19.9182, 4.7376



160.7070, 37.6124, -70.7800



103.5240, 12.0667, 3.0485



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.



112.8480, 61.2069, 15.0423



96.0500, 78.3624, 19.2502



136.1700, 49.7092, 62.9949



108.1510, 4.3626, 0.7446



37.9760, 70.5108, 17.5610



11.2390, 21.0812, 5.0524

Inverse Universe

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



139.1410, 23.5945, 85.8223



129.7170, 30.2125, 109.8732



180.8300, -49.7092, -62.9949



110.2010, 1.8729, 5.9627



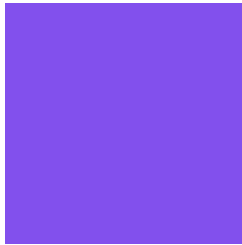
68.1410, 27.0455, 98.9773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 112.8480, 61.2069, 15.0423 looks on a white background.

Color Contrast Check

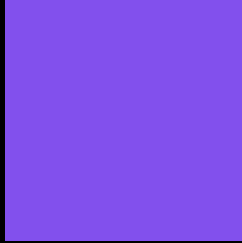
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.8480, 61.2069, 15.0423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

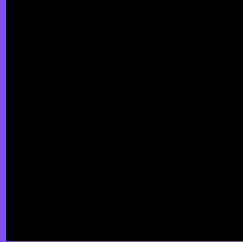
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.8480, 61.2069, 15.0423

Background



This preview shows how black text looks on a background with the YUV color 112.8480, 61.2069, 15.0423.



This preview shows how white text looks on a background with the YUV color 112.8480, 61.2069,

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

112.8480, 61.2069, 15.0423

Protanopia

90.3170, 69.3567, -79.2080

Deuteranopia

90.8920, 53.7902, -79.7123



Tritanopia

111.8400, 5.9949, -9.5067

Trichromacy



Original Color

112.8480, 61.2069, 15.0423



Protanomaly

98.1410, 66.4855, -44.8507



Deuteranomaly

98.7960, 56.3026, -45.4251



Tritanomaly

112.1720, 26.0442, -0.1508

Monochromacy



Original Color

112.8480, 61.2069, 15.0423



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

112.8800, 22.2442, 5.3672

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8480, 61.2069, 15.0423 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(130, 80, 237)` looks like.

```
.text, #text, p{  
    color:rgb(130, 80, 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(130, 80, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 80, 237) }
```

Border

The CSS property to change the border of an element to YUV 112.8480, 61.2069, 15.0423 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(130, 80, 237) }
```


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

```
.border{ border-color:rgb(130, 80, 237) }
```

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

Here you see how a box with a 4 pixel rgb(130, 80, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 80, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 80, 237);  
box-shadow:4px 4px 4px 4px rgb(130, 80,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 112.8480, 61.2069, 15.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 80, 237) }
```

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

```
.background{ background-color: rgb(130, 80,  
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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