

Converting Colors

YUV(112.5060, 59.8965,
15.3422)

Have a look what the booklet for
YUV(112.5060, 59.8965, 15.3422)
contains.

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Color

**YUV(112.5060, 59.8965,
15.3422)**

Conversions

Conversions Part 1

Format	Color
Hex	8250EA
RGB	130, 80, 234
RGB Percent	51%, 31%, 92%
CMY	0.4902, 0.6863, 0.0824
CMYK	0.44, 0.66, 0.00, 0.08
HSL	259°, 79%, 62%
HSV	259°, 66%, 92%
XYZ	26.9259, 16.4237, 79.5928
YIQ	112.5060, -19.6340, 58.4940

Conversions

Conversions Part 2

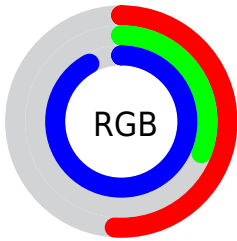
Format	Color
R_{YB}	130, 80, 234
Decimal	8540394
CIE _{Lab}	47.53, 54.57, -70.64
CIE _{LCh}	48, 89.259, 307.685
Yxy	16.4237, 0.2190, 0.1336
Android (android.graphics.Color)	4286730474 (0xFF8250EA)
YUV	112.5060, 59.8965, 15.3422
Hunter-Lab	40.5261, 47.6761, -88.0766

Details

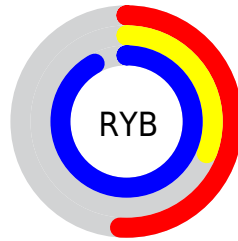
The YUV color **112.5060, 59.8965, 15.3422** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **201.4940, -59.8965, -15.3422**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0650, 45.3240, 22.7450**, and **57.2450, 59.0392, 10.3091** is the 20% darker color. If you saturate the color by 10%, you get **94.2210, 68.9110, 17.3462**, and if you desaturate by 10%, it is **130.7910, 50.8820, 13.3383**.

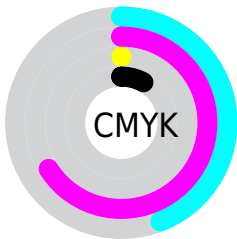
Distribution



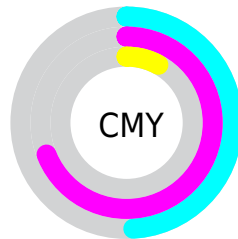
- Red (51%)
- Green (31%)
- Blue (92%)



- Red (51%)
- Yellow (31%)
- Blue (92%)



- Cyan (44%)
- Magenta (66%)
- Yellow (0%)
- Black (8%)



- Cyan (49%)
- Magenta (69%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.5060, 59.8965, 15.3422 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 112.5060, 59.8965, 15.3422 by changing the saturation by 10% instead.

■ 112.5060, 59.8965,
15.3422

■ 112.5060, 59.8965,
15.3422

■ 255.0000, 0.0000,
0.0000

■ 85.5550, 58.8864,
12.6683

■ 163.0650, 45.3240,
22.7450

■ 57.2450, 59.0392,
10.3091

■ 187.8840, 33.0882,
27.2887

■ 26.3690, 60.9501,
4.0614

■ 213.5890, 20.4156,
31.9324

■ 14.0220, 53.7262,
-12.2973

■ 231.5200, 11.5756,
20.5920

■ 11.0580, 42.3694,
-9.6979

■ 248.5430, 3.1833,
5.6628

■ 12.9040, 29.1343,
-11.3168

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 112.5060, 59.8965,
15.3422

■ 112.5060, 59.8965,
15.3422

■ 94.2210, 68.9110,
17.3462

■ 130.7910, 50.8820,
13.3383

■ 75.3490, 78.2149,
19.8649

■ 149.6630, 41.5781,
10.8195

■ 57.3630, 87.0820,
22.4836

■ 167.6490, 32.7110,
8.2008

■ 49.4000, 91.0078,
23.3282

■ 186.5210, 23.4071,
5.6821

■ 204.8060, 14.3926,
3.6781

■ 223.0910, 5.3781,
1.6742

■ 241.9630, -3.9258,
-0.8446

■ 252.6060, -9.1728,
2.0995

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



112.5060, 59.8965, 15.3422



83.2950, 43.7316, 113.7513

Triad

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



112.5060, 59.8965, 15.3422



104.9000, -51.7157, 67.6167



98.2880, 16.1270, -86.1986

Complementary

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



112.5060, 59.8965, 15.3422



201.4940, -59.8965, -15.3422

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.



87.2930, -18.3854, -76.5560



112.5060, 59.8965, 15.3422



104.2710, -51.4056, 14.6713

Square

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



112.5060, 59.8965, 15.3422



82.2840, -30.2130, 124.2849



80.7730, -39.8211, -61.1909



106.6100, 48.0133, -93.4970

Rectangle

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



112.5060, 59.8965, 15.3422



84.1730, 18.6487, 132.2753



80.7730, -39.8211, -61.1909



94.7370, 5.0597, -83.0843

Sweetspot

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



112.5060, 59.8965, 15.3422



214.8970, 19.7708, 5.3523



159.1910, 36.8808, -69.4505



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.



112.5060, 59.8965, 15.3422



96.3490, 78.2149, 19.8649



135.2300, 48.6936, 62.0653



108.1510, 4.3626, 0.7446



38.2750, 70.3634, 18.1758



11.2390, 21.0812, 5.0524

Inverse Universe

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



137.9020, 22.7263, 84.2779



129.6030, 29.7757, 109.9732



178.7700, -48.6936, -62.0653



110.0870, 1.4361, 6.0627



68.0270, 26.6087, 99.0773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 112.5060, 59.8965, 15.3422 looks on a white background.

Color Contrast Check

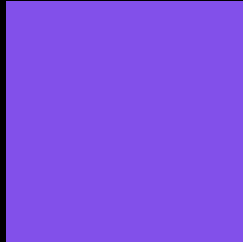
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.5060, 59.8965, 15.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

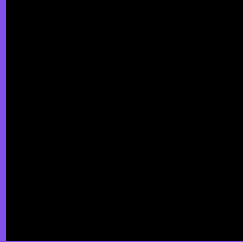
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.5060, 59.8965, 15.3422

Background



This preview shows how black text looks on a background with the YUV color 112.5060, 59.8965, 15.3422.



This preview shows how white text looks on a background with the YUV color 112.5060, 59.8965,

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

112.5060, 59.8965, 15.3422

Protanopia

90.2030, 68.9199, -79.1080

Deuteranopia

90.1910, 53.6428, -79.0975



Tritanopia

111.4380, 5.7001, -8.2771

Trichromacy



Original Color

112.5060, 59.8965, 15.3422



Protanomaly

97.9130, 65.6119, -44.6507



Deuteranomaly

98.0950, 56.1552, -44.8103



Tritanomaly

111.9440, 25.1706, 0.0491

Monochromacy



Original Color

112.5060, 59.8965, 15.3422



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

112.7660, 21.8074, 5.4672

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.5060, 59.8965, 15.3422 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(130, 80, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 80, 234) }
```

Border

The CSS property to change the border of an element to YUV 112.5060, 59.8965, 15.3422 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, 234) }
```


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

```
.border{ border-color:rgb(130, 80, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 80, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 80, 234);  
box-shadow:4px 4px 4px 4px rgb(130, 80,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 112.5060, 59.8965, 15.3422 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, 234) }
```

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

```
.background{ background-color: rgb(130, 80,  
234) }
```

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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