

Converting Colors

YUV(130.6060, 51.4662,
12.6235)

Have a look what the booklet for
YUV(130.6060, 51.4662, 12.6235)
contains.

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Color

**YUV(130.6060, 51.4662,
12.6235)**

Conversions

Conversions Part 1

Format	Color
Hex	9167EB
RGB	145, 103, 235
RGB Percent	57%, 40%, 92%
CMY	0.4314, 0.5961, 0.0784
CMYK	0.38, 0.56, 0.00, 0.08
HSL	259°, 77%, 66%
HSV	259°, 56%, 92%
XYZ	31.5227, 21.7184, 81.1279
YIQ	130.6060, -17.3400, 49.9560

Conversions

Conversions Part 2

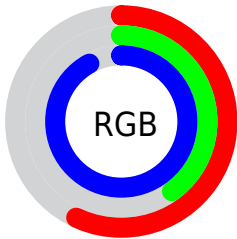
Format	Color
RYB	145, 103, 235
Decimal	9529323
CIELab	53.73, 45.55, -61.10
CIELCh	54, 76.207, 306.706
Yxy	21.7184, 0.2346, 0.1616
Android (android.graphics.Color)	4287719403 (0xFF9167EB)
YUV	130.6060, 51.4662, 12.6235
Hunter-Lab	46.6030, 39.1838, -70.5917

Details

The YUV color **130.6060, 51.4662, 12.6235** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **207.3940, -51.4662, -12.6235**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7520, 36.6043, 19.5115**, and **78.3020, 49.1511, 8.5051** is the 20% darker color. If you saturate the color by 10%, you get **111.7340, 60.7701, 15.1423**, and if you desaturate by 10%, it is **149.4780, 42.1623, 10.1048**.

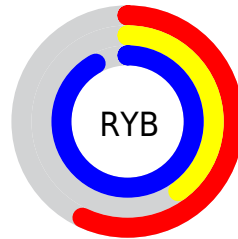
Distribution



Red (57%)

Green (40%)

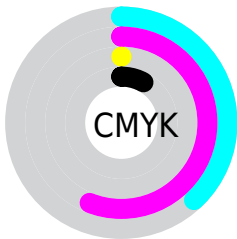
Blue (92%)



Red (57%)

Yellow (40%)

Blue (92%)

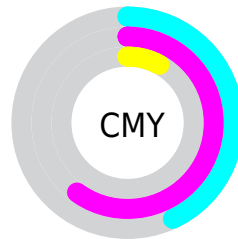


Cyan (38%)

Magenta (56%)

Yellow (0%)

Black (8%)



Cyan (43%)

Magenta (60%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.6060, 51.4662, 12.6235 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 130.6060, 51.4662, 12.6235 by changing the saturation by 10% instead.

■ 130.6060, 51.4662,
12.6235

■ 130.6060, 51.4662,
12.6235

255.0000, 0.0000,
0.0000

■ 103.9540, 50.3087,
10.5643

■ 180.7520, 36.6043,
19.5115

■ 78.3020, 49.1511,
8.5051

■ 206.1580, 24.0791,
23.5404

■ 51.5790, 49.0146,
5.6312

■ 229.1720, 12.7332,
22.6512

■ 21.8770, 50.3466,
-1.6461

■ 245.6080, 4.6303,
8.2368

■ 11.2860, 43.2430,
-9.8978

■ 8.4360, 32.3231,
-7.3984

■ 8.0480, 20.6823,

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 130.6060, 51.4662,
12.6235

■ 130.6060, 51.4662,
12.6235

■ 111.7340, 60.7701,
15.1423

■ 149.4780, 42.1623,
10.1048

■ 93.4490, 69.7846,
17.1462

■ 167.7630, 33.1478,
8.1008

■ 75.1640, 78.7991,
19.1502

■ 186.6350, 23.8439,
5.5821

■ 56.2920, 88.1030,
21.6689

■ 204.9200, 14.8294,
3.5782

■ 49.2150, 91.5920,
22.6134

■ 223.7920, 5.5255,
1.0594

■ 242.0770, -3.4890,
-0.9445

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



106.5540, 73.1839, -93.4479



130.6060, 51.4662, 12.6235



122.9000, 29.1363, 81.6487

Triad

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



130.6060, 51.4662, 12.6235



119.9400, -59.1304, 65.8276



108.3470, 16.5909, -95.0203

Complementary

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



130.6060, 51.4662, 12.6235



207.3940, -51.4662, -12.6235

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.



98.7200, -12.6800, -86.5774



130.6060, 51.4662, 12.6235



119.3550, -58.8420, 19.8597

Square

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



130.6060, 51.4662, 12.6235



116.5000, -31.3055, 101.2935



106.6320, -52.5696, -32.1263



115.0560, 44.8354, -100.9041

Rectangle

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



130.6060, 51.4662, 12.6235



112.8360, 12.8989, 109.7688



106.6320, -52.5696, -32.1263



105.1380, 6.8340, -92.2060

Sweetspot

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



130.6060, 51.4662, 12.6235



220.7890, 16.8660, 3.6930



170.8780, 31.6121, -59.5290



107.3560, 10.1775, 2.3188



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.



130.6060, 51.4662, 12.6235



119.9390, 66.5851, 16.7165



150.3400, 41.7374, 53.1988



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.



152.7280, 19.8541, 72.1525



148.4670, 25.8988, 93.4294



187.6600, -41.7374, -53.1988



110.2010, 1.8729, 5.9627



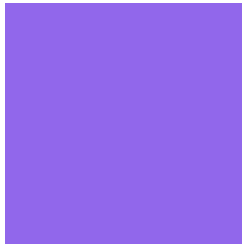
68.1410, 27.0455, 98.9773



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 130.6060, 51.4662, 12.6235 looks on a white background.

Color Contrast Check

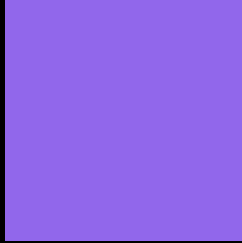
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 130.6060, 51.4662, 12.6235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

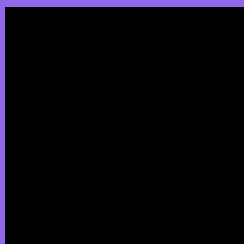
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.6060, 51.4662, 12.6235

Background



This preview shows how black text looks on a background with the YUV color 130.6060, 51.4662, 12.6235.



This preview shows how white text looks on a background with the YUV color 130.6060, 51.4662, 12.6235.

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

130.6060, 51.4662, 12.6235

Protanopia

114.4160, 69.3079, -63.5088

Deuteranopia

111.6850, 57.8363, -70.7607



Tritanopia

128.0580, 5.3944, -3.5589

Trichromacy



Original Color

130.6060, 51.4662, 12.6235

Protanomaly

119.9850, 63.1114, -35.9438

Deuteranomaly

118.3020, 55.5601, -40.6069

Tritanomaly

129.1570, 22.1076, 2.4933

Monochromacy



Original Color

130.6060, 51.4662, 12.6235

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.9570, 18.7552, 4.4227

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.6060, 51.4662, 12.6235 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(145, 103, 235)` looks like.

```
.text, #text, p{  
    color:rgb(145, 103, 235)  
}
```

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(145, 103, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 103, 235) }
```

Border

The CSS property to change the border of an element to YUV 130.6060, 51.4662, 12.6235 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(145, 103, 235) }
```


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

```
.border{ border-color:rgb(145, 103, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 103, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 103, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 103, 235);  
box-shadow:4px 4px 4px 4px rgb(145, 103,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 130.6060, 51.4662, 12.6235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 103, 235) }
```

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

```
.background{ background-color: rgb(145,  
103, 235) }
```

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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