

Converting Colors

YUV(129.5160, 44.6086,
18.8415)

Have a look what the booklet for
YUV(129.5160, 44.6086, 18.8415)
contains.

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Color

**YUV(129.5160, 44.6086,
18.8415)**

Conversions

Conversions Part 1

Format	Color
Hex	9765DC
RGB	151, 101, 220
RGB Percent	59%, 40%, 86%
CMY	0.4078, 0.6039, 0.1373
CMYK	0.31, 0.54, 0.00, 0.14
HSL	265°, 63%, 63%
HSV	265°, 54%, 86%
XYZ	30.3344, 21.0540, 70.1752
YIQ	129.5160, -8.3990, 47.6090

Conversions

Conversions Part 2

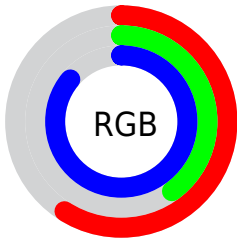
Format	Color
R _Y B	151, 101, 220
Decimal	9922012
CIE _{Lab}	53.01, 44.24, -53.78
CIE _{LCh}	53, 69.638, 309.444
Y _{xy}	21.0540, 0.2495, 0.1732
Android (android.graphics.Color)	4288112092 (0xFF9765DC)
YUV	129.5160, 44.6086, 18.8415
Hunter-Lab	45.8846, 37.7088, -58.5579

Details

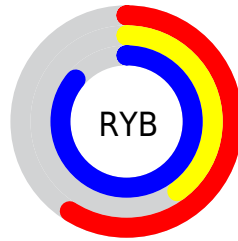
The YUV color **129.5160, 44.6086, 18.8415** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **191.4840, -44.6086, -18.8415**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0730, 36.4460, 23.6150**, and **77.0380, 42.8723, 15.7527** is the 20% darker color. If you saturate the color by 10%, you get **112.7150, 52.8915, 22.1749**, and if you desaturate by 10%, it is **146.3170, 36.3257, 15.5080**.

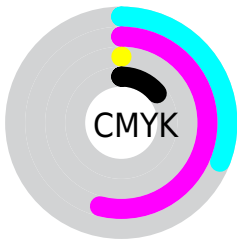
Distribution



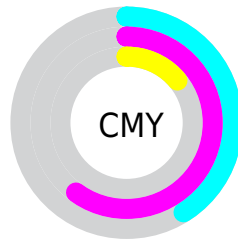
- Red (59%)
- Green (40%)
- Blue (86%)



- Red (59%)
- Yellow (40%)
- Blue (86%)



- Cyan (31%)
- Magenta (54%)
- Yellow (0%)
- Black (14%)



- Cyan (41%)
- Magenta (60%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.5160, 44.6086, 18.8415 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 129.5160, 44.6086, 18.8415 by changing the saturation by 10% instead.

■ 129.5160, 44.6086,
18.8415

■ 129.5160, 44.6086,
18.8415

■ 255.0000, 0.0000,
0.0000

■ 103.2770, 43.7404,
17.2971

■ 181.0730, 36.4460,
23.6150

■ 77.0380, 42.8723,
15.7527

■ 206.4790, 23.9209,
27.6439

■ 51.7990, 42.0041,
14.2083

■ 227.9980, 13.3120,
23.6808

■ 24.0160, 42.8831,
12.2640

■ 244.4340, 5.2090,
9.2664

■ 10.1030, 37.4172,
-7.9833

■ 7.0680, 27.0815,
-6.1986

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 129.5160, 44.6086,
18.8415

■ 129.5160, 44.6086,
18.8415

■ 112.7150, 52.8915,
22.1749

■ 146.3170, 36.3257,
15.5080

■ 95.9140, 61.1744,
25.5084

■ 163.1180, 28.0428,
12.1745

■ 79.4120, 69.3099,
29.4567

■ 179.6200, 19.9073,
8.2263

■ 62.6110, 77.5928,
32.7902

■ 196.4210, 11.6244,
4.8928

52.5880, 82.5341,
34.5643

213.2220, 3.3416,
1.5593

230.0230, -4.9413,
-1.7742

246.5250,
-13.0768, -5.7224

250.4120,
-14.9931, 2.2697

251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



103.1800, 70.4103, -90.4889



129.5160, 44.6086, 18.8415



122.9720, 23.1848, 77.2006

Triad

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



129.5160, 44.6086, 18.8415



118.7110, -58.5245, 58.1355



106.3410, 19.0589, -93.2611

Complementary

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



129.5160, 44.6086, 18.8415



191.4840, -44.6086, -18.8415

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.



97.9850, -7.8806, -85.9328



129.5160, 44.6086, 18.8415



116.9740, -57.6682, 16.6858

Square

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



129.5160, 44.6086, 18.8415



118.1950, -32.1411, 89.2830



106.2280, -46.4544, -33.5260



112.2520, 44.2458, -98.4450

Rectangle

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



129.5160, 44.6086, 18.8415



115.8640, 6.9690, 98.3433



106.2280, -46.4544, -33.5260



103.9470, 9.8861, -91.1615

Sweetspot

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



129.5160, 44.6086, 18.8415



223.7570, 15.4028, 6.3521



155.0690, 32.0110, -47.4185



108.8400, 9.4459, 3.6483



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.



129.5160, 44.6086, 18.8415



128.8540, 62.1900, 26.4380



147.1570, 35.9116, 55.1133



101.4500, 4.2151, 1.3593



41.5490, 64.8053, 27.5825



10.9250, 17.2920, 7.0818

Inverse Universe

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



144.4470, 12.5976, 66.2600



149.5780, 17.4630, 92.4551



173.8430, -35.9116, -55.1133



102.9730, 0.9993, 6.1627



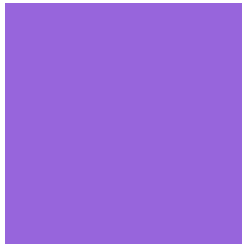
63.2410, 18.6152, 96.2586



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 129.5160, 44.6086, 18.8415 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 129.5160, 44.6086, 18.8415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

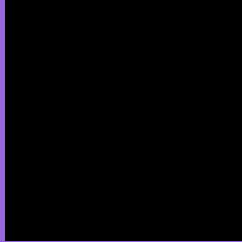
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.5160, 44.6086, 18.8415

Background



This preview shows how black text looks on a background with the YUV color 129.5160, 44.6086, 18.8415.



This preview shows how white text looks on a background with the YUV color 129.5160, 44.6086, 18.8415.

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

129.5160, 44.6086, 18.8415

Protanopia

117.7290, 61.2656, -50.6283

Deuteranopia

118.6680, 46.9987, -47.9438



Tritanopia

127.4290, 2.7465, 5.7628

Trichromacy



Original Color

129.5160, 44.6086, 18.8415

Protanomaly

121.9880, 55.2219, -25.4225

Deuteranomaly

122.5940, 46.0492, -23.3229

Tritanomaly

128.1750, 18.1547, 10.3705

Monochromacy



Original Color

129.5160, 44.6086, 18.8415

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.6970, 16.4184, 7.2817

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.5160, 44.6086, 18.8415 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(151, 101, 220)` looks like.

```
.text, #text, p{  
    color:rgb(151, 101, 220)  
}
```

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(151, 101, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 101, 220) }
```

Border

The CSS property to change the border of an element to YUV 129.5160, 44.6086, 18.8415 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(151, 101, 220) }
```


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

```
.border{ border-color:rgb(151, 101, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 101, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 101, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 101, 220);  
box-shadow:4px 4px 4px 4px rgb(151, 101,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 129.5160, 44.6086, 18.8415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 101, 220) }
```

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

```
.background{ background-color: rgb(151,  
101, 220) }
```

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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