

Converting Colors

YUV(131.6300, 45.0454,
18.7415)

Have a look what the booklet for
YUV(131.6300, 45.0454, 18.7415)
contains.

YUV(131.6300, 45.0454, 18.7415)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(131.6300, 45.0454,
18.7415)**

Conversions

Conversions Part 1

Format	Color
Hex	9967DF
RGB	153, 103, 223
RGB Percent	60%, 40%, 87%
CMY	0.4000, 0.5961, 0.1255
CMYK	0.31, 0.54, 0.00, 0.13
HSL	265°, 65%, 64%
HSV	265°, 54%, 87%
XYZ	31.3064, 21.8005, 72.3699
YIQ	131.6300, -8.7200, 47.9200

Conversions

Conversions Part 2

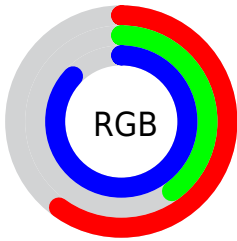
Format	Color
R _Y B	153, 103, 223
Decimal	10053599
CIE Lab	53.81, 44.38, -54.17
CIE LCh	54, 70.028, 309.326
Yxy	21.8005, 0.2495, 0.1737
Android (android.graphics.Color)	4288243679 (0xFF9967DF)
YUV	131.6300, 45.0454, 18.7415
Hunter-Lab	46.6910, 37.9752, -59.2143

Details

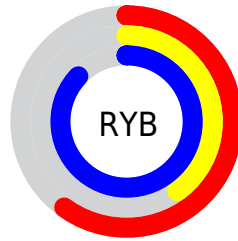
The YUV color **131.6300, 45.0454, 18.7415** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **194.3700, -45.0454, -18.7415**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4320, 35.2830, 23.3001**, and **79.1520, 43.3091, 15.6527** is the 20% darker color. If you saturate the color by 10%, you get **114.8290, 53.3283, 22.0750**, and if you desaturate by 10%, it is **148.4310, 36.7625, 15.4080**.

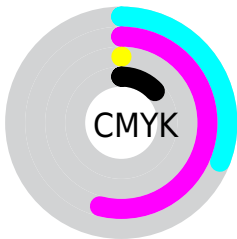
Distribution



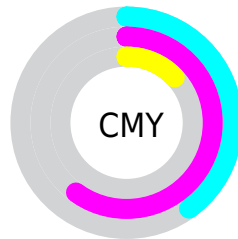
- Red (60%)
- Green (40%)
- Blue (87%)



- Red (60%)
- Yellow (40%)
- Blue (87%)



- Cyan (31%)
- Magenta (54%)
- Yellow (0%)
- Black (13%)



- Cyan (40%)
- Magenta (60%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.6300, 45.0454, 18.7415 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 131.6300, 45.0454, 18.7415 by changing the saturation by 10% instead.

131.6300, 45.0454,
18.7415

131.6300, 45.0454,
18.7415

255.0000, 0.0000,
0.0000

105.3910, 44.1772,
17.1971

183.4320, 35.2830,
23.3001

79.1520, 43.3091,
15.6527

208.2510, 23.0473,
27.8439

53.9130, 42.4409,
14.1083

229.1720, 12.7332,
22.6512

25.5430, 43.6093,
12.6788

246.1950, 4.3409,
7.7220

10.7440, 38.5802,
-7.6685

7.2960, 27.9551,
-6.3986

6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 131.6300, 45.0454,
18.7415

■ 131.6300, 45.0454,
18.7415

■ 114.8290, 53.3283,
22.0750

■ 148.4310, 36.7625,
15.4080

■ 97.4410, 61.9006,
25.9232

■ 165.8190, 28.1902,
11.5597

■ 80.6400, 70.1835,
29.2567

■ 182.6200, 19.9073,
8.2263

■ 63.8390, 78.4664,
32.5902

■ 199.4210, 11.6244,
4.8928

■ 53.2290, 83.6971,
34.8792

■ 216.8090, 3.0522,
1.0445

■ 233.6100, -5.2307,
-2.2890

■ 248.0630,
-12.3561, -3.5633

■ 251.3520,
-13.9775, 3.1993

Harmonies

Analogous

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



104.6960, 71.1419, -91.8184



131.6300, 45.0454, 18.7415



125.3850, 23.4742, 77.7154

Triad

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



131.6300, 45.0454, 18.7415



120.7820, -59.5455, 58.9502



107.6290, 18.9169, -94.3906

Complementary

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



131.6300, 45.0454, 18.7415



194.3700, -45.0454, -18.7415

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.



99.2730, -8.0226, -87.0624



131.6300, 45.0454, 18.7415



118.7460, -58.5418, 16.8858

Square

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



131.6300, 45.0454, 18.7415



120.4940, -32.2885, 89.8978



108.2280, -46.4544, -33.5260



113.6540, 44.5406, -99.6746

Rectangle

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



131.6300, 45.0454, 18.7415



118.2770, 7.2584, 98.8581



108.2280, -46.4544, -33.5260



105.2350, 9.7441, -92.2911

Sweetspot

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



131.6300, 45.0454, 18.7415



223.7570, 15.4028, 6.3521



157.7700, 32.1584, -48.0333



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.



131.6300, 45.0454, 18.7415



128.5550, 62.3374, 25.8233



149.5700, 36.2010, 55.6281



103.7490, 4.0677, 1.9741



41.8910, 66.1157, 27.2826



11.4520, 18.0182, 7.4966

Inverse Universe

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



146.8600, 12.8870, 66.7748



149.6920, 17.8998, 92.3551



176.4300, -36.2010, -55.6281



105.0870, 1.4361, 6.0627



64.3660, 19.0466, 97.9030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 131.6300, 45.0454, 18.7415 looks on a white background.

Color Contrast Check

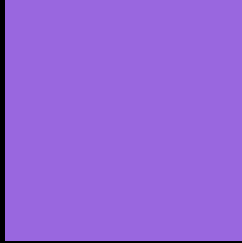
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.6300, 45.0454, 18.7415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

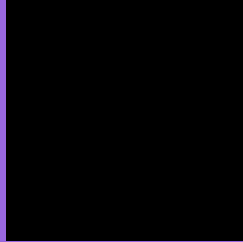
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.6300, 45.0454, 18.7415

Background



This preview shows how black text looks on a background with the YUV color 131.6300, 45.0454, 18.7415.



This preview shows how white text looks on a background with the YUV color 131.6300, 45.0454, 18.7415.

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

131.6300, 45.0454, 18.7415

Protanopia

119.8430, 61.7024, -50.7283

Deuteranopia

120.7820, 47.4355, -48.0438



Tritanopia

129.4290, 2.7465, 5.7628

Trichromacy



Original Color

131.6300, 45.0454, 18.7415

Protanomaly

124.1020, 55.6587, -25.5225

Deuteranomaly

124.7080, 46.4860, -23.4229

Tritanomaly

130.1750, 18.1547, 10.3705

Monochromacy



Original Color

131.6300, 45.0454, 18.7415

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.6970, 16.4184, 7.2817

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.6300, 45.0454, 18.7415 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(153, 103, 223)` looks like.

```
.text, #text, p{  
    color:rgb(153, 103, 223)  
}
```

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(153, 103, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 103, 223) }
```

Border

The CSS property to change the border of an element to YUV 131.6300, 45.0454, 18.7415 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(153, 103, 223) }
```


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

```
.border{ border-color:rgb(153, 103, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 103, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 103, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 103, 223);  
box-shadow:4px 4px 4px 4px rgb(153, 103,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 131.6300, 45.0454, 18.7415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 103, 223) }
```

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

```
.background{ background-color: rgb(153,  
103, 223) }
```

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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